Fonts Cambria Math, STIX Two Math, Noto Sans Math and Libertinus Math comparison

STIX Two Math (v2.13 b171, May 26, 2021): https://github.com/stipub/stixfonts/releases/tag/v2.13b171

Cambria Math (v5.24, Apr 23, 2009): Fontist formula for Cambria Math https://github.com/fontist/formulas/blob/v3/Formulas/pclinuxos_webcore_fonts.yml#L43

Cambria Math (v6.99, July 7, 2019): C:/Windows/Fonts/cambria.ttc

Noto Sans Math (v2.0001, Nov, 19, 2020): https://fonts.google.com/download?family=Noto%20Sans%20Math

Libertinus Math (v7.040, Feb 26, 2021): https://github.com/alerque/libertinus/releases/tag/v7.040

Note: '#' means 'glyph is not available in font' (except number sign U+0023 char)

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
barleftarrowrightarrowba	21b9	⇹	⇹	⇹	⇹	⇹
rightarrowshortleftarrow	2942	⥂	⥂	⥂	⥂	#
leftarrowshortrightarrow	2943	⥃	⥃	⥃	⥃	#
shortrightarrowleftarrow	2944	⥄	⥄	⥄	⥄	#
leftrightharpoondowndown	2950	⥐	⥐	⥐	⥐	#
smallblacktriangleright	25b8	▸	#	▸	#	#
invwhiteupperhalfcircle	25da	◚	#	◚	#	#
invwhitelowerhalfcircle	25db	◛	#	◛	#	#
concavediamondtickright	27e3	⟣	⟣	⟣	⟣	#
nvtwoheadrightarrowtail	2917	⤗	⤗	⤗	⤗	#
nVtwoheadrightarrowtail	2918	⤘	⤘	⤘	⤘	#
updownharpoonrightright	294f	⥏	⥏	⥏	⥏	#
updownharpoonsleftright	296e	⥮	⥮	⥮	⥮	#
downupharpoonsleftright	296f	⥯	⥯	⥯	⥯	#
leftrightarrowtriangle	21ff	↔	↔	↔	↔	↔
smallblacktriangleleft	25c2	◂	#	◂	#	#
blackcircleulquadwhite	25d5	◕	#	◕	#	◕
concavediamondtickleft	27e2	⟢	⟢	⟢	⟢	#
leftrightharpoonupdown	294a	⥊	⥊	⥊	⥊	#
leftrightharpoondownup	294b	⥋	⥋	⥋	⥋	#
updownharpoonrightleft	294c	⥌	⥌	⥌	⥌	#
updownharpoonleftright	294d	⥍	⥍	⥍	⥍	#
downtrianglerightblack	29e9	▼	▼	▼	▼	#
partialmeetcontraction	2aa3	⪣	⪣	⪣	⪣	#
nvtwoheadleftarrowtail	2b3c	⬼	#	#	⬼	#
nVtwoheadleftarrowtail	2b3d	⬽	#	#	⬽	#
underrightharpoondown	20ec	↽	#	#	↽	#
barovernorthwestarrow	21b8	⬉	⬉	⬉	⬉	⬉
rangledownzigzagarrow	237c	⍼	⍼	⍼	⍼	#

plurimath/latex/ constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
circlebottomhalfblack	25d2	◒	#	◒	#	◒
twoheadrightarrowtail	2916	⤖	⤖	⤖	⤖	#
updownharpoonleftleft	2951	⥑	⥑	⥑	⥑	#
downharpoonsleftright	2965	⥥	⥥	⥥	⥥	#
leftrightharpoonsdown	2967	⥧	⥧	⥧	⥧	#
rightleftharpoonsdown	2969	⥩	⥩	⥩	⥩	#
downtriangleleftblack	29e8	◢	◢	◢	◢	#
blackdiamonddownarrow	29ea	⧪	⧪	⧪	⧪	#
closedvarcupsmashprod	2a50	⩐	⩐	⩐	⩐	#
underleftharpoondown	20ed	⃭	#	#	⃭	#
CapitalDifferentialD	2145	ⅅ	ⅅ	ⅅ	ⅅ	#
bigblacktriangledown	25bc	▼	#	▼	#	▼
circlerighthalfblack	25d1	◑	#	◑	#	◑
blackrighthalfcircle	25d7	◗	#	◗	#	◗
blackcircledrightdot	2688	◈	#	#	#	#
whiteinwhitetriangle	27c1	⟁	#	⟁	⟁	#
whitesquaretickright	27e5	⟥	⟥	⟥	⟥	#
barrightarrowdiamond	2920	⤠	⤠	⤠	⤠	#
downrightcurvedarrow	2935	⤵	⤵	⤵	⤵	#
rightdowncurvedarrow	2937	⤷	⤷	⤷	⤷	#
curvearrowrightminus	293c	⤼	⤼	⤼	⤼	#
leftrightarrowcircle	2948	⥈	⥈	⥈	⥈	#
twoheaduparrowcircle	2949	⥉	⥉	⥉	⥉	#
leftrightharpoonupup	294e	⥎	⥎	⥎	⥎	#
leftrightharpoondown	2950	⥐	⥐	⥐	⥐	#
dashrightharpoondown	296d	⥭	⥭	⥭	⥭	#
blackcircledownarrow	29ed	⧭	⧭	⧭	⧭	#
NestedGreaterGreater	2aa2	⪢	⪢	⪢	⪢	#
twoheadleftarrowtail	2b3b	⬻	#	#	⬻	#
rightarrowbackapprox	2b48	⭈	#	#	⭈	#
leftrightsquigarrow	21ad	↭	↭	↭	↭	↭
whitearrowupfrombar	21ea	⇪	⇪	⇪	#	⇪
blockthreeqtrshaded	2593	▓	#	#	#	#
blackinwhitediamond	25c8	◈	#	◈	#	#
circlelefthalfblack	25d0	◐	#	◐	#	◐
blacklefthalfcircle	25d6	◖	#	◖	#	◖
blackcircledtwodots	2689	◉	#	#	#	#
whitesquaretickleft	27e4	⟤	⟤	⟤	⟤	#
longrightsquigarrow	27ff	⟿	⟿	⟿	⟿	⟿

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nvtwoheadrightarrow	2900	⤀	⤀	⤀	⤀	#
nVtwoheadrightarrow	2901	⤁	⤁	⤁	⤁	#
diamondleftarrowbar	291f	⤟	⤟	⤟	⤟	#
leftdowncurvedarrow	2936	⤶	⤶	⤶	⤶	#
downharpoonrightbar	2955	⥕	⥕	⥕	⥕	#
rightharpoondownbar	2957	⥗	⥗	⥗	⥗	#
bardownharpoonright	295d	⥝	⥝	⥝	⥝	#
barrightharpoondown	295f	⥟	⥟	⥟	⥟	#
upharpoonsleftright	2963	⥣	⥣	⥣	⥣	#
rightharpoonsupdown	2964	⥤	⥤	⥤	⥤	#
leftrightharpoonsup	2966	⥦	⥦	⥦	⥦	#
rightleftharpoonsup	2968	⥨	⥨	⥨	⥨	#
dashleftharpoondown	296b	⥫	⥫	⥫	⥫	#
twoheadleftdbkarrow	2b37	⬷	#	#	⬷	#
leftarrowbackapprox	2b42	⭂	#	#	⭂	#
rightharpoonaccent	20d1	⃑	⃑	⃑	⃑	⃑
overleftrightarrow	20e1	⃡	⃡	⃡	⃡	⃡
acwopencirclearrow	21ba	↺	↺	↺	↺	↺
upharpoonrightdown	21c2	⇂	⇂	⇂	⇂	⇂
circleonrightarrow	21f4	⇴	⇴	⇴	⇴	⇴
rightarrowtriangle	21fe	⇾	⇾	⇾	⇾	⇾
PrecedesSlantEqual	227c	≼	≼	≼	≼	≼
SucceedsSlantEqual	227d	≽	≽	≽	≽	≽
measuredrightangle	22be	⊾	⊾	⊾	⊾	#
blackinwhitesquare	25a3	▣	#	▣	#	#
parallelogramblack	25b0	▰	#	▰	#	#
bigblacktriangleup	25b2	▲	#	▲	#	▲
blacktriangleright	25b6	▶	#	▶	#	▶
smalltriangleright	25b9	▹	#	▹	#	#
circletophalfblack	25d3	◓	#	◓	#	◓
inversewhitecircle	25d9	◙	#	◙	#	#
trianglerightblack	25ee	◮	#	◮	#	#
longleftrightarrow	27f7	⟷	⟷	⟷	⟷	⟷
Longleftrightarrow	27fa	⟺	⟺	⟺	⟺	⟺
curvearrowleftplus	293d	⤽	⤽	⤽	⤽	#
ccwundercurvearrow	293f	⤿	⤿	⤿	⤿	#
leftrightharpoonup	294e	⥎	⥎	⥎	⥎	#
rightupdownharpoon	294f	⥏	⥏	⥏	⥏	#
RightDownVectorBar	2955	⥕	⥕	⥕	⥕	#

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barleftharpoondown	2956	↚	↚	↚	↚	#
DownRightVectorBar	2957	⇁	⇁	⇁	⇁	#
downharpoonleftbar	2959	↧	↧	↧	↧	#
RightDownTeeVector	295d	⇂	⇂	⇂	⇂	#
leftharpoondownbar	295e	↼	↼	↼	↼	#
DownRightTeeVector	295f	↦	↦	↦	↦	#
bardownharpoonleft	2961	⇃	⇃	⇃	⇃	#
leftharpoonsupdown	2962	⇐	⇐	⇐	⇐	#
rightrightharpoons	2964	⇒	⇒	⇒	⇒	#
rightharpoonupdash	296c	⇁	⇁	⇁	⇁	#
circledwhitebullet	29be	◎	◎	◎	◎	#
errbarblackdiamond	29f1	◆	◆	◆	◆	#
longleftsquigarrow	2b33	⬳	#	#	⬳	#
nvtwoheadleftarrow	2b34	⬴	#	#	⬴	#
nVtwoheadleftarrow	2b35	⬵	#	#	⬵	#
bsimilarrightarrow	2b47	⇀	#	#	⇀	#
rightarrowbsimilar	2b4c	⇁	#	#	⇁	#
rightpentagonblack	2b53	⬟	#	#	#	#
leftharpoonaccent	20d0	⃐	⃐	⃐	⃐	⃐
twoheadrightarrow	21a0	↠	↠	↠	↠	↠
cwopencirclearrow	21bb	↻	↻	↻	↻	↻
upharpoonleftdown	21c3	⇃	⇃	⇃	⇃	⇃
leftrightharpoons	21cb	⇋	⇋	⇋	⇋	⇋
rightleftharpoons	21cc	⇌	⇌	⇌	⇌	⇌
leftarrowtriangle	21fd	⇐	⇐	⇐	⇐	⇐
kernelcontraction	223b	∻	∻	∻	∻	∻
vardoublebarwedge	2306	⩞	⩞	⩞	#	#
varhexagonlrbonds	232c	⌬	#	#	#	#
varcarriagereturn	23ce	⏎	⏎	⏎	#	#
blackpointerright	25ba	►	#	►	#	#
whitepointerright	25bb	▷	#	▷	#	#
blacktriangledown	25be	▼	#	▾	#	#
smalltriangledown	25bf	▽	#	▿	#	#
blacktriangleleft	25c0	◀	#	◀	#	◂
smalltriangleleft	25c3	◁	#	◃	#	#
circleurquadblack	25d4	◔	#	◔	#	◔
triangleleftblack	25ed	◭	#	◭	#	#
acwgapcirclearrow	27f2	↺	↺	↺	↺	↺
rightarrowonoplus	27f4	⟴	⟴	⟴	⟴	#

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rightarrowdiamond	291e	⇾	⇾	⇾	⇾	#
uprightcurvearrow	2934	⤴	⤴	⤴	⤴	#
cwundercurvearrow	293e	⤾	⤾	⤾	⤾	#
leftupdownharpoon	2951	⥑	⥑	⥑	⥑	#
rightharpoonupbar	2953	⥓	⥓	⥓	⥓	#
barupharpoonright	2954	⥔	⥔	⥔	⥔	#
DownLeftVectorBar	2956	⥖	⥖	⥖	⥖	#
LeftDownVectorBar	2959	⥙	⥙	⥙	⥙	#
barrightharpoonup	295b	⥛	⥛	⥛	⥛	#
upharpoonrightbar	295c	⥜	⥜	⥜	⥜	#
DownLeftTeeVector	295e	⥞	⥞	⥞	⥞	#
LeftDownTeeVector	2961	⥡	⥡	⥡	⥡	#
leftharpoonupdash	296a	⥪	⥪	⥪	⥪	#
similarrightarrow	2972	⥲	⥲	⥲	⥲	⥲
rightarrowsimilar	2974	⥴	⥴	⥴	⥴	⥴
measuredangleleft	299b	⦛	⦛	⦛	⦛	#
errbarblacksquare	29ef	⧯	⧯	⧯	⧯	#
errbarblackcircle	29f3	⧳	⧳	⧳	⧳	#
diamondrightblack	2b17	◈	#	#	#	#
circleonleftarrow	2b30	⬰	#	#	⬰	⬰
bsimilarleftarrow	2b41	⭁	#	#	⭁	#
leftarrowbsimilar	2b4b	⭋	#	#	⭋	#
twoheadleftarrow	219e	↞	↞	↞	↞	↞
twoheaddownarrow	21a1	↡	↡	↡	↡	↡
circlearrowright	21bb	↻	↻	↻	↻	↻
rightharpoondown	21c1	⇁	⇁	⇁	⇁	⇁
downharpoonright	21c2	⇂	⇂	⇂	⇂	⇂
uparrowdownarrow	21c5	⇅	⇅	⇅	⇅	⇅
rightrightarrows	21c9	⇉	⇉	⇉	⇉	⇉
downarrowuparrow	21f5	⇵	⇵	⇵	⇵	⇵
rightthreearrows	21f6	⇶	⇶	⇶	⇶	⇶
nvleftrightarrow	21f9	⇹	⇹	⇹	⇹	⇹
nVleftrightarrow	21fc	⇼	⇼	⇼	⇼	⇼
varointclockwise	2232	∲	∲	∲	∲	∲
ointctrclockwise	2233	∳	∳	∳	∳	∳
vartriangleright	22b3	▷	▷	▷	▷	▷
multimapdotbothA	22b6	⊶	⊶	⊶	⊶	⊶
multimapdotbothB	22b7	⊷	⊷	⊷	⊷	⊷
NotRightTriangle	22eb	⋫	⋫	⋫	⋫	⋫

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ntrianglerighteq	22ed	⋭	⋭	⋭	⋭	⋭
APLrightarrowbox	2348	⍈	⍈	⍈	⍈	#
blackpointerleft	25c4	◄	#	◄	#	#
whitepointerleft	25c5	◁	#	◁	#	#
squarerightblack	25e8	◨	#	◨	#	#
cwgapcirclearrow	27f3	↻	↻	↻	↻	↻
nvLeftrightarrow	2904	⤄	⤄	⤄	⤄	⤄
nvrightarrowtail	2914	⤔	⤔	⤔	⤔	#
nVrightarrowtail	2915	⤕	⤕	⤕	⤕	#
diamondleftarrow	291d	⤝	⤝	⤝	⤝	#
rightcurvedarrow	2933	⤳	⤳	⤳	⤳	#
acwunderarcarrow	293b	⤻	⤻	⤻	⤻	#
leftrightharpoon	294a	⥊	⥊	⥊	⥊	#
rightleftharpoon	294b	⥋	⥋	⥋	⥋	#
barleftharpoonup	2952	⥒	⥒	⥒	⥒	#
RightUpVectorBar	2954	⥔	⥔	⥔	⥔	#
barupharpoonleft	2958	⥘	⥘	⥘	⥘	#
leftharpoonupbar	295a	⥚	⥚	⥚	⥚	#
RightUpTeeVector	295c	⥜	⥜	⥜	⥜	#
upharpoonleftbar	2960	⥠	⥠	⥠	⥠	#
leftleftharpoons	2962	⥢	⥢	⥢	⥢	#
downdownharpoons	2965	⥥	⥥	⥥	⥥	#
uprevequilibrium	296f	⥯	⥯	⥯	⥯	#
leftarrowsimilar	2973	⭠	⭠	⭠	⭠	⭠
rightarrowapprox	2975	⥵	⥵	⥵	⥵	⥵
sphericalangleup	29a1	⦡	⦡	⦡	⦡	#
RightTriangleBar	29d0	⧐	⧐	⧐	⧐	#
diamondleftblack	2b16	◆	#	#	#	#
leftarrowonoplus	2b32	⬲	#	#	⬲	#
rightarrowsupset	2b44	⭄	#	#	⭄	#
similarleftarrow	2b49	⭉	#	#	⭉	#
enleadertwodots	2025	‥	#	#	#	‥
unicodeellipsis	2026	…	…	…	#	…
enclosetriangle	20e4	△	#	#	#	#
widebridgeabove	20e9	⃩	⃩	⃩	⃩	#
underrightarrow	20ef	⃯	#	#	⃯	⃯
nleftrightarrow	21ae	↮	↮	↮	↮	↮
downzigzagarrow	21af	↯	↯	↯	#	↯
curvearrowright	21b7	↷	↷	↷	↷	↷

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circlearrowleft	21ba	↺	↺	↺	↺	↺
leftharpoondown	21bd	↽	↽	↽	↽	↽
upharpoonleftup	21bf	↿	↿	↿	↿	↿
downharpoonleft	21c3	⇃	⇃	⇃	⇃	⇃
rightleftarrows	21c4	⇄	⇄	⇄	⇄	⇆
leftrightarrows	21c6	⇆	⇆	⇆	⇆	⇄
nLeftrightarrow	21ce	⇎	⇎	⇎	⇎	⇎
rightsquigarrow	21dd	⇝	⇝	⇝	⇝	⇝
rightwhitearrow	21e8	⇨	⇨	⇨	#	⇨
NotGreaterTilde	2275	≵	≵	≵	≵	≵
vartriangleleft	22b2	◁	◁	◁	◁	◁
trianglerighteq	22b5	⊵	⊵	⊵	⊵	⊵
rightthreetimes	22cc	⋌	⋌	⋌	⋌	#
NotLeftTriangle	22ea	⋪	⋪	⋪	⋪	⋪
ntrianglelefteq	22ec	⋬	⋬	⋬	⋬	⋬
APLnotbackslash	2340	⍀	⍀	⍀	⍀	#
APLleftarrowbox	2347	⍇	⍇	⍇	⍇	#
APLdownarrowbox	2357	⍗	⍗	⍗	⍗	#
blockhalfshaded	2592	▒	▒	▒	#	#
squarecrossfill	25a9	▩	#	▩	#	#
hrectangleblack	25ac	▬	#	▬	#	#
vrectangleblack	25ae	▮	#	▮	#	#
blacktriangleup	25b4	▲	#	▴	#	#
smalltriangleup	25b5	△	#	▵	#	#
bigtriangledown	25bd	▽	#	▽	▽	▽
lrblacktriangle	25e2	◢	#	◢	#	#
llblacktriangle	25e3	◣	#	◣	#	#
ulblacktriangle	25e4	◤	#	◤	#	#
urblacktriangle	25e5	◥	#	◥	#	#
squareleftblack	25e7	◧	#	◧	#	#
circledrightdot	2686	⚆	#	#	#	#
downarrowbarred	2908	⤈	⤈	⤈	⤈	#
cwrightarcarrow	2938	⤸	⤸	⤸	⤸	#
acwleftarcarrow	2939	⤹	⤹	⤹	⤹	#
acwoverarcarrow	293a	⤺	⤺	⤺	⤺	#
LeftUpVectorBar	2958	⥘	⥘	⥘	⥘	#
LeftUpTeeVector	2960	⥠	⥠	⥠	⥠	#
rightbarharpoon	296c	⥬	⥬	⥬	⥬	#
barrightharpoon	296d	⥭	⥭	⥭	⥭	#

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equalrightarrow	2971	⇾	⇾	⇾	⇾	⇾
leftarrowsubset	297a	⥺	⥺	⥺	⥺	#
measanglerutone	29a8	⦨	⦨	⦨	⦨	#
measanglelutonw	29a9	⦩	⦩	⦩	⦩	#
measanglerdtose	29aa	⦪	⦪	⦪	⦪	#
measangleldtosw	29ab	⦫	⦫	⦫	⦫	#
measangleurtone	29ac	⦬	⦬	⦬	⦬	#
measangleultonw	29ad	⦭	⦭	⦭	⦭	#
measangledrtose	29ae	⦮	⦮	⦮	⦮	#
measangledltosw	29af	⦯	⦯	⦯	⦯	#
circledparallel	29b7	⦷	⦷	⦷	⦷	#
uparrowoncircle	29bd	⦽	⦽	⦽	⦽	#
LeftTriangleBar	29cf	⧏	⧏	⧏	⧏	#
circledownarrow	29ec	⧬	⧬	⧬	⧬	#
bigtriangleleft	2a1e	⨞	⨞	⨞	⨞	#
diamondtopblack	2b18	⬘	#	#	#	#
diamondbotblack	2b19	⬙	#	#	#	#
varhexagonblack	2b22	⬢	#	#	#	#
leftthreearrows	2b31	⬱	#	#	⬱	⬱
twoheadmapsfrom	2b36	⬶	#	#	⬶	#
nvleftarrowtail	2b39	⬹	#	#	⬹	#
nVleftarrowtail	2b3a	⬺	#	#	⬺	#
leftcurvedarrow	2b3f	⬿	#	#	⬿	#
leftarrowapprox	2b4a	⭊	#	#	⭊	#
enclosediamond	20df	◇	◇	◇	#	#
underleftarrow	20ee	⃮	#	#	⃮	⃮
leftrightarrow	2194	↔	↔	↔	↔	↔
rightwavearrow	219d	↝	↝	↝	↝	↝
twoheaduparrow	219f	↟	↟	↟	↟	↟
rightarrowtail	21a3	↣	↣	↣	↣	↣
updownarrowbar	21a8	↨	↨	↨	↨	↨
hookrightarrow	21aa	↪	↪	↪	↪	↪
looparrowright	21ac	↬	↬	↬	↬	↬
carriagereturn	21b5	↵	↵	↵	↵	↵
curvearrowleft	21b6	↶	↶	↶	↶	↶
upharpoonright	21be	↾	↾	↾	↾	↾
rightharpoonup	21c0	⇀	⇀	⇀	⇀	⇀
rightleftarrow	21c4	⇄	⇄	⇄	⇄	⇆
leftleftarrows	21c7	⇇	⇇	⇇	⇇	⇇

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
downdownarrows	21ca	⇊	⇊	⇊	⇊	⇊
revequilibrium	21cb	⇋	⇋	⇋	⇋	⇋
Leftrightarrow	21d4	⇔	⇔	⇔	⇔	⇔
leftsquigarrow	21dc	↜	↜	↜	↜	↜
dashrightarrow	21e2	⇢	⇢	⇢	⇢	⇢
rightdasharrow	21e2	⇢	⇢	⇢	⇢	⇢
leftwhitearrow	21e6	⇐	⇐	⇐	#	⇐
downwhitearrow	21e9	⇩	⇩	⇩	#	⇩
sphericalangle	2222	∢	∢	∢	∢	∢
NotGreaterLess	2279	≹	≹	≹	≹	≹
trianglelefteq	22b4	⊴	⊴	⊴	⊴	⊴
leftthreetimes	22cb	⋋	⋋	⋋	⋋	#
ntriangleright	22eb	⋫	⋫	⋫	⋫	⋫
APLboxquestion	2370	⍰	⍰	⍰	⍰	#
lparenextender	239c	│	│	│	│	│
rparenextender	239f	│	│	│	│	│
lbrackextender	23a2	│	│	│	│	│
rbrackextender	23a5	│	│	│	│	│
vbraceextender	23aa	│	│	│	│	│
harrowextender	23af	-	–	–	—	–
blockrighthalf	2590	▐	#	#	#	#
blockqtrshaded	2591	░	#	#	#	#
squarenwsefill	25a7	▧	#	▧	#	#
squareneswfill	25a8	▨	#	▨	#	#
mdlgblkdiamond	25c6	◆	#	◆	#	◆
mdlgwhtdiamond	25c7	◇	#	◇	#	◇
mdlgwhtlozenge	25ca	◊	◊	◊	◊	◊
circlevertfill	25cd	◍	#	◍	#	#
vardiamondsuit	2666	◆	◆	◆	#	◆
circledtwodots	2687	⚇	#	#	#	#
rightouterjoin	27d6	⟖	⟖	⟖	⟖	#
concavediamond	27e1	⟡	⟡	⟡	⟡	#
longrightarrow	27f6	⟶	⟶	⟶	⟶	⟶
Longrightarrow	27f9	⟹	⟹	⟹	⟹	⟹
longmappedfrom	27fb	⟻	⟻	⟻	⟻	⟻
Longmappedfrom	27fd	⟽	⟽	⟽	⟽	⟽
fdiagovnearrow	292f	⤯	⤯	⤯	⤯	#
rdiagovsearrow	2930	⤰	⤰	⤰	⤰	#
acwcirclearrow	2940	⤀	⤀	⤀	⤀	#

plurimath/latex/ constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
rightarrowplus	2945	⇥	⇥	⇥	⇥	#
RightVectorBar	2953	⇥	⇥	⇥	⇥	#
RightTeeVector	295b	↦	↦	↦	↦	#
leftbarharpoon	296a	⇋	⇋	⇋	⇋	#
barleftharpoon	296b	⇋	⇋	⇋	⇋	#
updownharpoons	296e	⥮	⥮	⥮	⥮	#
downupharpoons	296f	⥯	⥯	⥯	⥯	#
rightanglemdot	299d	⦝	⦝	⦝	⦝	#
triangleserifs	29cd	△	△	△	△	#
blackhourglass	29d7	⧗	⧗	⧗	⧗	#
mdlgblklozenge	29eb	◆	◆	◆	◆	#
bigslopedwedge	2a58	⩘	⩘	⩘	⩘	#
doublebarwedge	2a5e	⩞	⩞	⩞	⩞	#
wedgedoublebar	2a60	⩠	⩠	⩠	⩠	#
NestedLessLess	2aa1	⪡	⪡	⪡	⪡	#
squaretopblack	2b12	◨	#	#	#	#
squarebotblack	2b13	◪	#	#	#	#
equalleftarrow	2b40	⭀	#	#	⭀	#
ocommatopright	315	̔	̔	̔	#	̔
overleftarrow	20d6	←	←	←	←	←
enclosecircle	20dd	◯	◯	◯	#	#
enclosesquare	20de	☐	☐	☐	#	#
threeunderdot	20e8	⃨	⃨	⃨	⃨	#
sansLmirrored	2143	⅃	⅃	⅃	#	#
DifferentialD	2146	ⅆ	ⅆ	ⅆ	ⅆ	#
leftwavearrow	219c	↜	↝	↝	↜	↜
leftarrowtail	21a2	↢	↢	↢	↢	↢
hookleftarrow	21a9	↩	↩	↩	↩	↩
looparrowleft	21ab	↫	↫	↫	↫	↫
leftharpoonup	21bc	↼	↼	↼	↼	↼
upharpoonleft	21bf	↿	↿	↿	↿	↿
dashleftarrow	21e0	⇠	⇠	⇠	⇠	⇠
leftdasharrow	21e0	⇠	⇠	⇠	⇠	⇠
downdasharrow	21e3	⇣	⇣	⇣	⇣	⇣
RightArrowBar	21e5	⇥	⇥	⇥	⇥	⇥
rightarrowbar	21e5	⇥	⇥	⇥	⇥	⇥
smallsetminus	2216	∖	∖	∖	∖	∖
vysmwhtcircle	2218	∘	∘	∘	∘	∘
vysmblkcircle	2219	•	·	·	•	•

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
measuredangle	2221	∡	∡	∡	∡	∡
wasytherefore	2234	∴	∴	∴	∴	∴
dotsminusdots	223a	∺	∺	∺	∺	∺
fallingdotseq	2252	≒	≒	≒	≒	≒
PrecedesTilde	227e	≾	≾	≾	≾	≾
SucceedsTilde	227f	≿	≿	≿	≿	≿
varlrtriangle	22bf	◿	◿	◿	◿	#
divideontimes	22c7	⋇	⋇	⋇	⋇	#
equalparallel	22d5	⧣	⧣	⧣	⧣	#
ntriangleleft	22ea	⋪	⋪	⋪	⋪	⋪
APLuparrowbox	2350	⍐	⍐	⍐	⍐	#
APLboxupcaret	2353	⍓	⍓	⍓	⍓	#
bdtriplevdash	2506	┆	#	#	#	#
blocklefthalf	258c	▌	#	#	#	#
mdlgblksquare	25a0	■	■	■	#	■
mdlgwhtsquare	25a1	□	□	□	#	□
parallelogram	25b1	▱	#	▱	#	#
bigtriangleup	25b3	△	△	△	△	△
blacktriangle	25b4	▲	#	▴	#	#
triangleright	25b7	▷	#	▷	▷	▷
mdlgwhtcircle	25cb	○	○	○	#	○
mdlgblkcircle	25cf	●	#	●	#	●
inversebullet	25d8	◘	#	◘	#	#
topsemicircle	25e0	◠	#	◠	#	#
botsemicircle	25e1	◡	#	◡	#	#
squareulblack	25e9	◩	#	◩	#	#
squarelrblack	25ea	◪	#	◪	#	#
mdsmwhtsquare	25fd	◽	#	◽	#	#
mdsmblksquare	25fe	◾	#	◾	#	#
sixteenthnote	266c	♬	#	#	#	♬
Hermaphrodite	26a5	⚥	#	#	#	⚥
mdsmwhtcircle	26ac	⚬	#	#	#	⚬
draftingarrow	279b	➛	#	#	#	#
leftouterjoin	27d5	⟕	⟕	⟕	⟕	#
fullouterjoin	27d7	⟗	⟗	⟗	⟗	#
longleftarrow	27f5	⟵	⟵	⟵	⟵	⟵
Longleftarrow	27f8	⟸	⟸	⟸	⟸	⟸
twoheadmapsto	2905	↦	↦	↦	↦	#
uparrowbarred	2909	⤉	⤉	⤉	⤉	#

plurimath/latex/ constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
rightdotarrow	2911	⤑	⤑	⤑	⤑	#
cwcirclearrow	2941	⥁	⥁	⥁	⥁	#
leftarrowplus	2946	⥆	⥆	⥆	⥆	#
LeftVectorBar	2952	⥒	⥒	⥒	⥒	#
LeftTeeVector	295a	⥚	⥚	⥚	⥚	#
upequilibrium	296e	⥮	⥮	⥮	⥮	#
leftarrowless	2977	⥷	⥷	⥷	⥷	#
rightfishtail	297d	⥽	⥽	⥽	⥽	#
mdsmblkcircle	2981	●	•	•	•	#
llparenthesis	2987	⦇	⦇	⦇	⦇	⦇
rrparenthesis	2988	⦈	⦈	⦈	⦈	⦈
rightanglesqr	299c	⦜	⦜	⦜	⦜	#
wideangledown	29a6	⦦	⦦	⦦	⦦	#
emptysetocirc	29b2	⦲	⦲	⦲	⦲	#
emptysetoarrl	29b4	⦴	⦴	⦴	⦴	#
circledbslash	29b8	⦸	⦸	⦸	⦸	#
circledbullet	29bf	⦿	⦿	⦿	⦿	#
errbardiamond	29f0	⧰	⧰	⧰	⧰	#
triangleminus	2a3a	⨺	⨺	⨺	⨺	#
triangletimes	2a3b	⨻	⨻	⨻	⨻	#
shortlefttack	2ade	⫞	⫞	⫞	⫞	#
shortdowntack	2adf	⫟	⫟	⫟	⫟	#
threedotcolon	2af6	⫶	⫶	⫶	⫶	#
biginterleave	2afc	⫼	⫼	⫼	⫼	#
bigtalloblong	2aff	⫿	⫿	⫿	⫿	#
squareurblack	2b14	◼	#	#	#	#
squarellblack	2b15	◼	#	#	#	#
vysmblksquare	2b1d	▪	#	#	#	#
vysmwhtsquare	2b1e	▫	#	#	#	#
pentagonblack	2b1f	⬟	#	#	#	#
rightarrowgtr	2b43	⭃	#	#	⭃	#
rightpentagon	2b54	⭔	#	#	#	#
upbackepsilon	3f6	϶	#	϶	#	϶
hyphenbullet	2043	⁃	#	#	#	#
PropertyLine	214a	ℊ	ℊ	ℊ	#	#
updownarrows	21c5	⇅	⇅	⇅	⇅	⇅
LeftArrowBar	21e4	⇤	⇤	⇤	⇤	⇤
barleftarrow	21e4	⇤	⇤	⇤	⇤	⇤
upwhitearrow	21e7	⇧	⇧	⇧	#	⇧

plurimath/latex/ constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
downuparrows	21f5	⇅	⇅	⇅	⇅	⇅
nvrightarrow	21f8	↛	↛	↛	↛	↛
nVrightarrow	21fb	⇏	⇏	⇏	⇏	⇏
intclockwise	2231	∱	∱	∱	∱	∱
cntclockoint	2233	∳	∳	∳	∳	∳
risingdotseq	2253	≓	≓	≓	≓	≓
NotLessTilde	2274	≴	≴	≴	≴	≴
varsubsetneq	228a	⊊	⊊	⊊	⊊	⊊
cupleftarrow	228c	⊌	⊌	⊌	⊌	⊌
circledequal	229c	⊜	⊜	⊜	⊜	⊜
hermitmatrix	22b9	⊹	⊹	⊹	⊹	#
smwhtdiamond	22c4	⋄	⋄	⋄	⋄	#
npreccurlyeq	22e0	⋠	⋠	⋠	⋠	⋠
nsucccurlyeq	22e1	⋡	⋡	⋡	⋡	⋡
unicodecdots	22ef	⋯	⋯	⋯	⋯	⋯
notbackslash	2340	⍀	⍀	⍀	⍀	#
underbracket	23b5	⎵	⎵	⎵	⎵	⎵
blocklowhalf	2584	▄	#	#	#	#
squarehvfill	25a6	▦	#	▦	#	#
triangledown	25bf	▽	#	▿	#	#
triangleleft	25c1	◁	#	◁	◁	◁
Diamondblack	25c6	◆	#	◆	#	◆
dottedcircle	25cc	◌	#	◌	◌	#
trianglecdot	25ec	◬	#	◬	#	#
squareulquad	25f0	◰	#	◰	#	#
squarellquad	25f1	◱	#	◱	#	#
squarelrquad	25f2	◲	#	◲	#	#
squareurquad	25f3	◳	#	◳	#	#
circleulquad	25f4	◴	#	◴	#	#
circlellquad	25f5	◵	#	◵	#	#
circlelrquad	25f6	◶	#	◶	#	#
circleurquad	25f7	◷	#	◷	#	#
bigwhitestar	2606	☆	#	#	#	#
invsmileface	263b	☻	#	#	#	☻
varspadesuit	2664	♤	#	#	#	♤
varheartsuit	2665	♥	#	#	#	♥
dingasterisk	273d	✽	#	#	#	#
longdivision	27cc	⟌	#	⟌	⟌	#
lozengeminus	27e0	⟠	⟠	⟠	⟠	#

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
longmapsfrom	27fb	⟵	⟵	⟵	⟵	⟵
Longmapsfrom	27fd	⟸	⟸	⟸	⟸	⟸
nvRightarrow	2903	⤃	⤃	⤃	⤃	⤃
rightbkarrow	290d	⤍	⤍	⤍	⤍	#
leftdbkarrow	290e	⤎	⤎	⤎	⤎	#
DownArrowBar	2913	↓	↓	↓	↓	#
downarrowbar	2913	↓	↓	↓	↓	#
rightdbltail	291c	⤜	⤜	⤜	⤜	#
rdiagovfdiag	292b	⤫	⤫	⤫	⤫	#
fdiagovrdiag	292c	⤬	⤬	⤬	⤬	#
upupharpoons	2963	⥣	⥣	⥣	⥣	#
leftfishtail	297c	⥼	⥼	⥼	⥼	#
downfishtail	297f	⥿	⥿	⥿	⥿	#
lbrackultick	298d	⦍	⦍	⦍	⦍	#
rbracklrtick	298e	⦎	⦎	⦎	⦎	#
lbracklltick	298f	⦏	⦏	⦏	⦏	#
rbrackurtick	2990	⦐	⦐	⦐	⦐	#
revangleubar	29a5	⦥	⦥	⦥	⦥	#
emptysetobar	29b1	⦱	⦱	⦱	⦱	#
emptysetoarr	29b3	⦳	⦳	⦳	⦳	#
odotslashdot	29bc	⦼	⦼	⦼	⦼	#
ogreaterthan	29c1	⧁	⧁	⧁	⧁	#
triangleodot	29ca	⧊	⧊	⧊	⧊	#
triangleubar	29cb	⧋	⧋	⧋	⧋	#
multimapboth	29df	⧟	⧟	⧟	⧟	#
lrtriangleeq	29e1	⧡	⧡	⧡	⧡	#
blacklozenge	29eb	⧫	⧫	⧫	⧫	#
errbarsquare	29ee	⧮	⧮	⧮	⧮	#
errbarcircle	29f2	⧲	⧲	⧲	⧲	#
triangleplus	2a39	⨹	⨹	⨹	⨹	#
closedvarcup	2a4c	⩌	⩌	⩌	⩌	#
closedvarcap	2a4d	⩍	⩍	⩍	⩍	#
wedgeonwedge	2a55	⩕	⩕	⩕	⩕	#
bigslopedvee	2a57	⩗	⩗	⩗	⩗	#
wedgemidvert	2a5a	⩚	⩚	⩚	⩚	#
doublebarvee	2a62	⩢	⩢	⩢	⩢	#
veedoublebar	2a63	⩣	⩣	⩣	⩣	#
eqqslantless	2a9b	⪛	⪛	⪛	⪛	#
subsetapprox	2ac9	⫉	⫉	⫉	⫉	#

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
supsetapprox	2aca	⊋̊	⊋̊	⊋̊	⊋̊	#
dottedsquare	2b1a	⬚	⬚	⬚	#	#
hexagonblack	2b23	⬣	#	#	#	#
mdblkdiamond	2b25	◆	#	#	#	#
mdwhtdiamond	2b26	◇	#	#	#	#
mdblklozenge	2b27	⬖	#	#	#	#
mdwhtlozenge	2b28	◊	#	#	#	#
smblkdiamond	2b29	⬩	#	#	#	#
smblklozenge	2b2a	⬩	#	#	#	#
smwhtlozenge	2b2b	◊	#	#	#	#
leftdotarrow	2b38	⬸	#	#	⬸	#
medwhitestar	2b50	☆	#	#	#	#
medblackstar	2b51	★	#	#	#	#
oturnedcomma	312	̒	̒	̒	#	̒
upvarepsilon	3f5	ϵ	ϵ	ϵ	ϵ	ϵ
mathsterling	a3	£	£	£	#	£
smblkcircle	2022	•	•	•	#	•
backtrprime	2037	‷	#	#	‷	‷
caretinsert	2038	‸	#	#	#	#
vertoverlay	20d2	⃒	⃒	⃒	⃒	#
asteraccent	20f0	⃰	#	#	#	#
Planckconst	210e	h	h	h	h	h
sansLturned	2142	⅂	⅂	⅂	#	#
ExponetialE	2147	ⅇ	ⅇ	ⅇ	ⅇ	#
updownarrow	2195	↕	↕	↕	↕	↕
nrightarrow	219b	↛	↛	↛	↛	↛
restriction	21be	↾	↾	↾	↾	↾
equilibrium	21cc	⇌	⇌	⇌	⇌	⇌
nRightarrow	21cf	⇏	⇏	⇏	⇏	⇏
Updownarrow	21d5	⇕	⇕	⇕	⇕	⇕
Rrightarrow	21db	⇛	⇛	⇛	⇛	⇛
nHdownarrow	21df	⇟	⇟	⇟	⇟	⇟
updasharrow	21e1	⇡	⇡	⇡	⇡	⇡
nvleftarrow	21f7	⇷	⇷	⇷	⇷	⇷
nVleftarrow	21fa	⇺	⇺	⇺	⇺	⇺
approxident	224b	≋	≋	≋	≋	≋
corresponds	2259	≙	≙	≙	≙	≙
GreaterLess	2277	≷	≷	≷	≷	≷
preccurlyeq	227c	≼	≼	≼	≼	≼

plurimath/latex/ constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
succcurlyeq	227d	≽	≽	≽	≽	≽
circledcirc	229a	⊚	⊚	⊚	⊚	⊚
circleddash	229d	⊝	⊝	⊝	⊝	⊝
curlyeqprec	22de	⋞	⋞	⋞	⋞	⋞
curlyeqsucc	22df	⋟	⋟	⋟	⋟	⋟
nsqsubseteq	22e2	⋢	⋢	⋢	⋢	⋢
nsqsupseteq	22e3	⋣	⋣	⋣	⋣	⋣
sqsubsetneq	22e4	⋤	⋤	⋤	⋤	⋤
sqsupsetneq	22e5	⋥	⋥	⋥	⋥	⋥
varisinobar	22f6	⋶	⋶	⋶	⋶	#
varbarwedge	2305	⌅	⌅	⌅	#	#
wasylozenge	2311	⌑	⌑	⌑	#	#
APLnotslash	233f	⌿	⌿	⌿	⌿	#
invdiameter	2349	⍉	⍉	⍉	⍉	#
intextender	23ae	⎮	⎮	⎮	⎮	⎮
overbracket	23b4	⎴	⎴	⎴	⎴	⎴
blockuphalf	2580	▀	#	#	#	#
squarehfill	25a4	▤	#	▤	#	#
squarevfill	25a5	▥	#	▥	#	#
smblksquare	25aa	▪	#	▪	#	#
smwhtsquare	25ab	▫	#	▫	#	#
vartriangle	25b5	△	#	▵	#	#
RIGHTcircle	25d1	◑	#	◑	#	◑
RIGHTCIRCLE	25d7	◗	#	◗	#	▸
smwhtcircle	25e6	∘	#	∘	#	∘
lgwhtcircle	25ef	◯	#	◯	#	#
mdwhtsquare	25fb	□	#	□	□	#
blacksquare	25fc	■	#	■	#	#
mdblksquare	25fc	■	#	■	#	#
blacksmiley	263b	☻	#	#	#	☻
sagittarius	2650	♐	#	#	#	♐
capricornus	2651	♑	#	#	#	♑
diamondsuit	2662	♢	#	♢	#	♢
varclubsuit	2667	♧	#	#	#	♧
quarternote	2669	♩	#	#	#	♩
mdwhtcircle	26aa	○	#	#	#	#
mdblkcircle	26ab	●	#	#	#	#
ballotcheck	2713	✓	#	#	#	#
circledstar	272a	✪	#	#	#	#

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
arrowbullet	27a2	#	#	#	#	#
threedangle	27c0	∡	#	∡	∡	#
diamondcdot	27d0	⟐	⟐	⟐	⟐	#
multimapinv	27dc	⟜	⟜	⟜	⟜	#
nvLeftarrow	2902	⇐	⇐	⇐	⇐	⇐
leftbkarrow	290c	←	←	←	←	#
leftdbltail	291b	⤛	⤛	⤛	⤛	#
seovnearrow	292d	⤭	⤭	⤭	⤭	#
neovsearrow	292e	⤮	⤮	⤮	⤮	#
neovnwarrow	2931	⤱	⤱	⤱	⤱	#
nwovnearrow	2932	⤲	⤲	⤲	⤲	#
rightarrowx	2947	⥇	⥇	⥇	⥇	#
wideangleup	29a7	⦧	⦧	⦧	⦧	#
revemptyset	29b0	⦰	⦰	⦰	⦰	#
circledvert	29b6	⦶	⦶	⦶	⦶	#
circledless	29c0	⧀	⧀	⧀	⧀	#
gleichstark	29e6	⧦	⧦	⧦	⧦	#
ruledelayed	29f4	⧴	⧴	⧴	⧴	#
lcurvyangle	29fc	⧼	⧼	⧼	⧼	⧼
rcurvyangle	29fd	⧽	⧽	⧽	⧽	⧽
otimeslhrim	2a34	⨴	⨴	⨴	⨴	#
otimesrhrim	2a35	⨵	⨵	⨵	⨵	#
midbarwedge	2a5c	⩜	⩜	⩜	⩜	#
simminussim	2a6c	⩬	⩬	⩬	⩬	#
eqslantless	2a95	⪕	⪕	⪕	⪕	#
eqqslantgtr	2a9c	⪜	⪜	⪜	⪜	#
precnapprox	2ab9	⪹	⪹	⪹	⪹	#
succnapprox	2aba	⪺	⪺	⪺	⪺	#
shortuptack	2ae0	⫠	⫠	⫠	⫠	#
lgblksquare	2b1b	■	#	#	#	#
lgwhtsquare	2b1c	□	#	#	#	#
lgblkcircle	2b24	●	#	#	#	#
blkhorzoval	2b2c	⬬	#	#	#	#
whthorzoval	2b2d	⬭	#	#	#	#
blkvertoval	2b2e	⬮	#	#	#	#
whtvertoval	2b2f	⬯	#	#	#	#
RRightarrow	2b46	⭆	#	#	⭆	#
smwhitestar	2b52	⭒	#	#	#	#
backepsilon	3f6	϶	#	϶	#	϶

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
varepsilon	03b5	ε	ε	ε	ε	ε
wideutilde	330	˷	˷	˷	~	˷
upvartheta	3d1	ϑ	ϑ	ϑ	ϑ	ϑ
upoldKoppa	3d8	Ϙ	Ϙ	Ϙ	#	Ϙ
upoldkoppa	3d9	ϙ	ϙ	ϙ	#	ϙ
upvarkappa	3f0	ϰ	ϰ	ϰ	ϰ	ϰ
upvarTheta	3f4	ϴ	#	ϴ	ϴ	ϴ
upvarsigma	3c2	ς	ς	ς	ς	ς
octothorpe	23	#	#	#	#	#
mathdollar	24	$	$	$	$	$
twolowline	2017	‗	‗	‗	#	‗
backdprime	2036	‶	#	#	‶	‶
Eulerconst	2107	ℇ	ℇ	ℇ	#	#
turnediota	2129	℩	℩	℩	#	#
rightarrow	2192	→	→	→	→	→
nleftarrow	219a	↚	↚	↚	↚	↚
mappedfrom	21a4	↤	↤	↤	↤	↤
upuparrows	21c8	⇈	⇈	⇈	⇈	⇈
nLeftarrow	21cd	⇍	⇍	⇍	⇍	⇍
Rightarrow	21d2	⇒	⇒	⇒	⇒	⇒
Lleftarrow	21da	⇚	⇚	⇚	⇚	⇚
complement	2201	∁	∁	∁	∁	∁
varnothing	2205	∅	∅	∅	∅	∅
fourthroot	221c	∜	∜	∜	∜	∜
rightangle	221f	∟	∟	∟	∟	∟
Proportion	2237	∷	∷	∷	∷	∷
sqsubseteq	2291	⊑	⊑	⊑	⊑	⊑
sqsupseteq	2292	⊒	⊒	⊒	⊒	⊒
circledast	229b	⊛	⊛	⊛	⊛	⊛
curlywedge	22cf	⋏	⋏	⋏	⋏	⋏
conictaper	2332	⌲	⌲	⌲	#	#
APLcomment	235d	⍝	⍝	⍝	⍝	#
lparenuend	239b	⎛	⎛	⎛	⎛	⎛
lparenlend	239d	⎝	⎝	⎝	⎝	⎝
rparenuend	239e	⎞	⎞	⎞	⎞	⎞
rparenlend	23a0	⎠	⎠	⎠	⎠	⎠
lbrackuend	23a1	⎡	⎡	⎡	⎡	⎡
lbracklend	23a3	⎣	⎣	⎣	⎣	⎣
rbrackuend	23a4	⎤	⎤	⎤	⎤	⎤

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
rbracklend	23a6	⎦	⎦	⎦	⎦	⎦
lbraceuend	23a7	⎧	⎧	⎧	⎧	⎧
lbracelend	23a9	⎩	⎩	⎩	⎩	⎩
rbraceuend	23ab	⎫	⎫	⎫	⎫	⎫
rbracelend	23ad	⎭	⎭	⎭	⎭	⎭
lmoustache	23b0	⎰	⎰	⎰	⎰	⎰
rmoustache	23b1	⎱	⎱	⎱	⎱	⎱
sqrtbottom	23b7	√	√	√	#	√
underparen	23dd	⏝	⏝	⏝	⏝	⏝
hrectangle	25ad	▭	▭	▭	#	#
vrectangle	25af	▯	#	▯	▯	#
LEFTcircle	25d0	◐	#	◐	#	◐
LEFTCIRCLE	25d6	◖	#	◖	#	◖
ultriangle	25f8	◸	#	◸	#	#
urtriangle	25f9	◹	#	◹	#	#
lltriangle	25fa	◺	#	◺	#	#
lrtriangle	25ff	◿	#	◿	#	#
CheckedBox	2611	☑	#	#	#	#
pointright	261e	☞	#	#	#	☞
vardiamond	2666	♦	♦	♦	#	♦
eighthnote	266a	♪	#	#	#	♪
subsetcirc	27c3	⟃	#	⟃	⟃	#
supsetcirc	27c4	⟄	#	⟄	⟄	#
Diamonddot	27d0	⟐	⟐	⟐	⟐	#
DDownarrow	27f1	⟱	⟱	⟱	⟱	#
longmapsto	27fc	⟼	⟼	⟼	⟼	⟼
Longmapsto	27fe	⟾	⟾	⟾	⟾	⟾
Mappedfrom	2906	⤆	⤆	⤆	⤆	⤆
Ddownarrow	290b	⤋	⤋	⤋	⤋	⤋
UpArrowBar	2912	⤒	⤒	⤒	⤒	#
baruparrow	2912	⤒	⤒	⤒	⤒	#
rightimply	2970	⥰	⥰	⥰	⥰	#
upfishtail	297e	⥾	⥾	⥾	⥾	#
lbrackubar	298b	⦋	⦋	⦋	⦋	#
rbrackubar	298c	⦌	⦌	⦌	⦌	#
lparenless	2993	⦓	⦓	⦓	⦓	#
Rparenless	2996	⦖	⦖	⦖	⦖	#
lblkbrbrak	2997	⦗	⦗	⦗	⦗	#
rblkbrbrak	2998	⦘	⦘	⦘	⦘	#

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
circlehbar	29b5	⊖	⊖	⊖	⊖	#
circledgtr	29c1	⊝	⊝	⊝	⊝	#
doubleplus	29fa	⧺	⧺	⧺	⧺	#
tripleplus	29fb	⧻	⧻	⧻	⧻	#
plussubtwo	2a27	⨧	⨧	⨧	⨧	#
commaminus	2a29	⨩	⨩	⨩	⨩	#
minusfdots	2a2b	⨫	⨫	⨫	⨫	#
minusrdots	2a2c	⨬	⨬	⨬	⨬	#
opluslhrim	2a2d	⨭	⨭	⨭	⨭	#
oplusrhrim	2a2e	⨮	⨮	⨮	⨮	#
smashtimes	2a33	⨳	⨳	⨳	⨳	#
cupovercap	2a46	⩆	⩆	⩆	⩆	#
capovercup	2a47	⩇	⩇	⩇	⩇	#
veeonwedge	2a59	⩙	⩙	⩙	⩙	#
veemidvert	2a5b	⩛	⩛	⩛	⩛	#
equivVvert	2a69	⩩	⩩	⩩	⩩	#
lessapprox	2a85	⪅	⪅	⪅	⪅	#
lesseqqgtr	2a8b	⪋	⪋	⪋	⪋	#
gtreqqless	2a8c	⪌	⪌	⪌	⪌	#
eqslantgtr	2a96	⪖	⪖	⪖	⪖	#
rightslice	2aa7	⪧	⪧	⪧	⪧	#
precapprox	2ab7	⪷	⪷	⪷	⪷	#
succapprox	2ab8	⪸	⪸	⪸	⪸	#
subsetplus	2abf	⪿	⪿	⪿	⪿	#
supsetplus	2ac0	⫀	⫀	⫀	⫀	#
subsetneqq	2acb	⫋	⫋	⫋	⫋	#
supsetneqq	2acc	⫌	⫌	⫌	⫌	#
interleave	2af4	⫴	⫴	⫴	⫴	#
talloblong	2afe	⫾	⫾	⫾	⫾	#
varhexagon	2b21	⬡	#	#	#	#
leftarrowx	2b3e	⬾	#	#	⬾	#
LLeftarrow	2b45	⭅	#	#	⭅	#
postalmark	3012	〒	#	#	#	#
underline	332	̲	̲	̲	#	̲
upEpsilon	395	Ε	Ε	Ε	Ε	Ε
upOmicron	39f	Ο	Ο	Ο	Ο	Ο
upUpsilon	3a5	Υ	Υ	Υ	Υ	Υ
upepsilon	3b5	ε	ε	ε	ε	ε
upomicron	3bf	ο	ο	ο	ο	ο

plurimath/latex/ constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
upupsilon	3c5	υ	υ	υ	ʊ	υ
upvarbeta	3d0	ϐ	ϐ	ϐ	#	ϐ
upDigamma	3dc	F	F	F	#	F
updigamma	3dd	ϝ	ϝ	ϝ	#	ϝ
ampersand	26	&	&	&	&	&
mathslash	2f	/	/	/	/	/
mathcolon	3a	:	:	:	:	:
semicolon	3b	;	;	;	;	;
backslash	5c	\	\	\	\	\
backprime	2035	`	#	#	`	`
tieconcat	2040	⌢	#	#	#	#
fracslash	2044	⁄	⁄	⁄	#	⁄
Angstroem	212b	Å	Å	Å	#	#
leftarrow	2190	←	←	←	←	←
downarrow	2193	↓	↓	↓	↓	↓
lightning	21af	↯	↯	↯	#	↯
rightturn	21bb	↻	↻	↻	↻	↻
Leftarrow	21d0	⇐	⇐	⇐	⇐	⇐
Downarrow	21d3	⇓	⇓	⇓	⇓	⇓
nHuparrow	21de	⇞	⇞	⇞	⇞	⇞
dasharrow	21e2	⇢	⇢	⇢	⇢	⇢
partialup	2202	∂	∂	∂	∂	∂
increment	2206	Δ	Δ	Δ	Δ	Δ
nparallel	2226	∦	∦	∦	∦	∦
clockoint	2232	∲	∲	∲	∲	∲
therefore	2234	∴	∴	∴	∴	∴
mathratio	2236	:	:	:	:	:
dashcolon	2239	∹	∹	∹	∹	∹
triangleq	225c	≜	≜	≜	≜	≜
nleqslant	2270	≰	≰	≰	≰	≰
ngeqslant	2271	≱	≱	≱	≱	≱
nsubseteq	2288	⊈	⊈	⊈	⊈	⊈
nsupseteq	2289	⊉	⊉	⊉	⊉	⊉
subsetneq	228a	⊊	⊊	⊊	⊊	⊊
supsetneq	228b	⊋	⊋	⊋	⊋	⊋
backsimeq	22cd	⋍	⋍	⋍	⋍	⋍
pitchfork	22d4	⋔	⋔	⋔	⋔	#
lesseqgtr	22da	⋚	⋚	⋚	⋚	⋚
gtreqless	22db	⋛	⋛	⋛	⋛	⋛

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
varniobar	22fd	∋̅	∋̅	∋̅	∋̅	#
bagmember	22ff	⋿	⋿	⋿	⋿	#
sqlozenge	2311	⌑	⌑	⌑	#	#
turnednot	2319	⌙	⌙	⌙	⌙	#
intbottom	2321	⌡	⌡	⌡	⌡	⌡
lbracemid	23a8	⎨	⎨	⎨	⎨	⎨
rbracemid	23ac	⎬	⎬	⎬	⎬	⎬
sumbottom	23b3	⎳	⎳	⎳	⎳	#
lvboxline	23b8	⎸	⎸	⎸	#	#
rvboxline	23b9	⎹	⎹	⎹	#	#
overparen	23dc	⏜	⏜	⏜	⏜	⏜
wideparen	23dc	⏜	⏜	⏜	⏜	⏜
trapezium	23e2	⏢	#	#	#	#
accurrent	23e6	⏦	#	#	#	#
blockfull	2588	█	█	█	#	#
radiation	2622	☢	#	#	#	#
biohazard	2623	☣	#	#	#	#
smileface	263a	☺	#	#	#	☺
rightmoon	263d	☽	#	#	#	☽
spadesuit	2660	♠	♠	♠	#	♠
heartsuit	2661	♡	♡	♡	#	♡
medbullet	26ab	●	#	#	#	#
checkmark	2713	✓	#	#	#	#
DashVDash	27da	⟚	⟚	⟚	⟚	#
dashVdash	27db	⟛	⟛	⟛	⟛	#
vlongdash	27dd	⟝	⟝	⟝	⟝	#
longdashv	27de	⟞	⟞	⟞	⟞	#
llbracket	27e6	⟦	⟦	⟦	⟦	⟦
rrbracket	27e7	⟧	⟧	⟧	⟧	⟧
impliedby	27f8	⟸	⟸	⟸	⟸	⟸
righttail	291a	⤚	⤚	⤚	⤚	#
nwsearrow	2921	⤡	⤡	⤡	⤡	#
neswarrow	2922	⤢	⤢	⤢	⤢	#
hknwarrow	2923	⤣	⤣	⤣	⤣	#
hknearrow	2924	⤤	⤤	⤤	⤤	#
typecolon	2982	⦂	⦂	⦂	⦂	⦂
langledot	2991	⦑	⦑	⦑	⦑	#
rangledot	2992	⦒	⦒	⦒	⦒	#
rparengtr	2994	⦔	⦔	⦔	⦔	#

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
Lparengtr	2995	⦕	⦕	⦕	⦕	#
fourvdots	2999	⦙	⦙	⦙	⦙	#
turnangle	29a2	⦢	⦢	⦢	⦢	#
angleubar	29a4	⦤	⦤	⦤	⦤	#
olessthan	29c0	⧀	⧀	⧀	⧀	#
boxbslash	29c5	⧅	⧅	⧅	⧅	#
boxcircle	29c7	⧇	⧇	⧇	⧇	#
triangles	29cc	△	△	△	△	#
hourglass	29d6	⧖	⧖	⧖	⧖	#
bigotimes	2a02	⨂	⨂	⨂	⨂	⨂
bigcupdot	2a03	⨃	⨃	⨃	⨃	⨃
conjquant	2a07	⨇	⨇	⨇	⨇	#
disjquant	2a08	⨈	⨈	⨈	⨈	#
modtwosum	2a0a	⨊	⨊	⨊	⨊	#
otimeshat	2a36	⨶	⨶	⨶	⨶	⨶
cupbarcap	2a48	⩈	⩈	⩈	⩈	#
capbarcup	2a49	⩉	⩉	⩉	⩉	#
wedgeodot	2a51	⩑	⩑	⩑	⩑	#
midbarvee	2a5d	⩝	⩝	⩝	⩝	#
varveebar	2a61	⩡	⩡	⩡	⩡	#
equivVert	2a68	⩨	⩨	⩨	⩨	#
hatapprox	2a6f	⩯	⩯	⩯	⩯	#
approxeqq	2a70	⩰	⩰	⩰	⩰	#
gtrapprox	2a86	⪆	⪆	⪆	⪆	#
leftslice	2aa6	⪦	⪦	⪦	⪦	#
subsetdot	2abd	⪽	⪽	⪽	⪽	#
supsetdot	2abe	⪾	⪾	⪾	⪾	#
subseteqq	2ac5	⫅	⫅	⫅	⫅	#
supseteqq	2ac6	⫆	⫆	⫆	⫆	#
leqqslant	2af9	⫹	⫹	⫹	⫹	#
geqqslant	2afa	⫺	⫺	⫺	⫺	#
horizbar	2015	—	—	—	#	—
Question	2047	⁇	#	#	#	⁇
medspace	205f				#	#
Angstrom	212b	Å	Å	Å	#	#
ComplexI	2148	ⅈ	ⅈ	ⅈ	ⅈ	#
ComplexJ	2149	ⅉ	ⅉ	ⅉ	ⅉ	#
mapsfrom	21a4	↤	↤	↤	↤	↤
MapsDown	21a7	↧	↧	↧	↧	↧

plurimath/latex/ constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
mapsdown	21a7	↧	↧	↧	↧	↧
linefeed	21b4	↴	↴	↴	↴	↴
leftturn	21ba	↺	↺	↺	↺	↺
divslash	2215	∕	∕	∕	∕	∕
cuberoot	221b	∛	∛	∛	∛	∛
parallel	2225	∥	∥	∥	∥	∥
dotminus	2238	∸	∸	∸	∸	∸
invlazys	223e	∾	∾	∾	∾	∾
sinewave	223f	∿	∿	∿	∿	∿
approxeq	224a	≊	≊	≊	≊	≊
backcong	224c	≌	≌	≌	≌	≌
dotequal	2250	≐	≐	≐	≐	≐
doteqdot	2251	≑	≑	≑	≑	≑
coloneqq	2254	≔	≔	≔	≔	≔
eqqcolon	2255	≕	≕	≕	≕	≕
notasymp	226d	≭	≭	≭	≠	≭
nlesssim	2274	≴	≴	≴	≴	≴
nlessgtr	2278	≸	≸	≸	≸	≸
ngtrless	2279	≹	≹	≹	≹	≹
subseteq	2286	⊆	⊆	⊆	⊆	⊆
supseteq	2287	⊇	⊇	⊇	⊇	⊇
sqsubset	228f	⊏	⊏	⊏	⊏	⊏
sqsupset	2290	⊐	⊐	⊐	⊐	⊐
boxminus	229f	⊟	⊟	⊟	⊟	⊟
boxtimes	22a0	⊠	⊠	⊠	⊠	⊠
multimap	22b8	⊸	⊸	⊸	⊸	#
intercal	22ba	⊺	⊺	⊺	⊺	#
barwedge	22bc	⊼	⊼	⊼	⊼	#
bigwedge	22c0	⋀	⋀	⋀	⋀	⋀
curlyvee	22ce	⋎	⋎	⋎	⋎	⋎
precnsim	22e8	⋨	⋨	⋨	⋨	⋨
succnsim	22e9	⋩	⋩	⋩	⋩	⋩
varisins	22f3	⋳	⋳	⋳	⋳	#
isinobar	22f7	⋷	⋷	⋷	⋷	#
diameter	2300	⌀	⌀	⌀	#	⌀
profline	2312	⌒	⌒	⌒	#	#
profsurf	2313	⌓	⌓	⌓	#	#
viewdata	2317	⌗	⌗	⌗	#	#
ulcorner	231c	⌜	⌜	⌜	⌜	⌜

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
urcorner	231d	⌝	⌝	⌝	⌝	⌝
llcorner	231e	⌞	⌞	⌞	⌞	⌞
lrcorner	231f	⌟	⌟	⌟	⌟	⌟
notslash	233f	≠	≠	≠	≠	#
APLinput	235e	⍞	⍞	⍞	⍞	#
bbrktbrk	23b6	⎶	⎶	⎶	⎶	#
elinters	23e7	⏧	#	#	#	#
triangle	25b3	△	△	△	△	△
bullseye	25ce	◎	#	◎	#	○
astrosun	2609	☉	#	#	#	☉
steaming	2615	☕	#	#	#	#
leftmoon	263e	☾	#	#	#	☾
varEarth	2641	♁	#	#	#	♁
aquarius	2652	♒	#	#	#	♒
clubsuit	2663	♣	#	♣	#	♣
varspade	2664	♤	#	#	#	♤
varheart	2665	♥	#	#	#	♥
twonotes	266b	♫	#	#	#	♫
acidfree	267e	♾	#	#	#	#
bsolhsub	27c8	⟈	#	⟈	⟈	#
wedgedot	27d1	⟑	⟑	⟑	⟑	#
pullback	27d3	⟓	⟓	⟓	⟓	#
UUparrow	27f0	⟰	⟰	⟰	⟰	#
Mapsfrom	2906	⤆	⤆	⤆	⤆	⤆
Uuparrow	290a	⤊	⤊	⤊	⤊	⤊
drbkarow	2910	⤐	⤐	⤐	⤐	#
lefttail	2919	⤙	⤙	⤙	⤙	#
hksearow	2925	⤥	⤥	⤥	⤥	#
hkswarow	2926	⤦	⤦	⤦	⤦	#
strictfi	297c	⥼	⥼	⥼	⥼	#
strictif	297d	⥽	⥽	⥽	⥽	#
revangle	29a3	⦣	⦣	⦣	⦣	#
boxslash	29c4	⧄	⧄	⧄	⧄	#
boxonbox	29c9	⧉	⧉	⧉	⧉	#
rtriltri	29ce	⧎	⧎	⧎	⧎	#
lfbowtie	29d1	⧑	⧑	⧑	⧑	#
rfbowtie	29d2	⧒	⧒	⧒	⧒	#
lvzigzag	29d8	⧘	⧘	⧘	⧘	#
rvzigzag	29d9	⧙	⧙	⧙	⧙	#

| plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
Lvzigzag	29da	⧚	⧚	⧚	⧚	#
Rvzigzag	29db	⧛	⧛	⧛	⧛	#
tieinfty	29dd	⧝	⧝	⧝	⧝	#
smeparsl	29e4	⧤	⧤	⧤	⧤	#
eqvparsl	29e5	⧥	⧥	⧥	⧥	#
setminus	29f5	\	\	\	\	╲
bigoplus	2a01	⊕	⊕	⊕	⊕	⊕
biguplus	2a04	⨄	⨄	⨄	⨄	⨄
bigsqcap	2a05	⨅	⨅	⨅	⨅	⨅
bigsqcup	2a06	⨆	⨆	⨆	⨆	⨆
bigtimes	2a09	⨉	⨉	⨉	⨉	#
cirfnint	2a10	⨐	⨐	⨐	⨐	#
rppolint	2a12	⨒	⨒	⨒	⨒	#
scpolint	2a13	⨓	⨓	⨓	⨓	#
pointint	2a15	⨕	⨕	⨕	⨕	#
intlarhk	2a17	⨗	⨗	⨗	⨗	#
zproject	2a21	⨡	⨡	⨡	⨡	#
ringplus	2a22	⨢	⨢	⨢	⨢	#
plustrif	2a28	⨨	⨨	⨨	⨨	#
minusdot	2a2a	⨪	⨪	⨪	⨪	#
vectimes	2a2f	⨯	⨯	⨯	⨯	#
dottimes	2a30	⨰	⨰	⨰	⨰	#
timesbar	2a31	⨱	⨱	⨱	⨱	#
intprodr	2a3d	⨽	⨽	⨽	⨽	#
capwedge	2a44	⩄	⩄	⩄	⩄	#
veeonvee	2a56	⩖	⩖	⩖	⩖	#
wedgebar	2a5f	⩟	⩟	⩟	⩟	#
dotequiv	2a67	⩧	⩧	⩧	⩧	#
simrdots	2a6b	⩫	⩫	⩫	⩫	#
Coloneqq	2a74	⩴	⩴	⩴	⩴	#
leqslant	2a7d	⩽	⩽	⩽	⩽	⩽
geqslant	2a7e	⩾	⩾	⩾	⩾	⩾
lesdotor	2a83	⪃	⪃	⪃	⪃	#
gesdotol	2a84	⪄	⪄	⪄	⪄	#
lnapprox	2a89	⪉	⪉	⪉	⪉	#
gnapprox	2a8a	⪊	⪊	⪊	⪊	#
precneqq	2ab5	⪵	⪵	⪵	⪵	⪵
succneqq	2ab6	⪶	⪶	⪶	⪶	⪶
forksnot	2add	⫝	⫝	⫝	⫝	#

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
varVdash	2ae6	⊪	⊪	⊪	⊪	#
pentagon	2b20	⬠	#	#	#	#
mathring	30a	°	°	°	#	°
underbar	331	_	_	_	#	_
upLambda	39b	Λ	Λ	Λ	Λ	Λ
uplambda	3bb	λ	λ	λ	λ	λ
varsigma	3c2	ς	ς	ς	ς	ς
upvarphi	3c6	φ	φ	φ	φ	φ
vartheta	3d1	ϑ	ϑ	ϑ	ϑ	ϑ
upStigma	3da	Ϛ	Ϛ	Ϛ	#	Ϛ
upstigma	3db	ϛ	ϛ	ϛ	#	ϛ
varkappa	3f0	ϰ	ϰ	ϰ	ϰ	ϰ
upvarrho	3f1	ϱ	ϱ	ϱ	ϱ	ϱ
question	3f	?	?	?	?	?
mathcent	a2	¢	¢	¢	#	¢
sterling	a3	£	£	£	#	£
circledR	ae	®	®	®	#	®
ddagger	2021	‡	‡	‡	#	‡
trprime	2034	‴	‴	‴	‴	‴
closure	2050	⁐	#	#	#	#
annuity	20e7	⏋	#	#	⏋	#
uparrow	2191	↑	↑	↑	↑	↑
nwarrow	2196	↖	↖	↖	↖	↖
nearrow	2197	↗	↗	↗	↗	↗
searrow	2198	↘	↘	↘	↘	↘
swarrow	2199	↙	↙	↙	↙	↙
Uparrow	21d1	⇑	⇑	⇑	⇑	⇑
Nwarrow	21d6	⇖	⇖	⇖	⇖	⇖
Nearrow	21d7	⇗	⇗	⇗	⇗	⇗
Searrow	21d8	⇘	⇘	⇘	⇘	⇘
Swarrow	21d9	⇙	⇙	⇙	⇙	⇙
partial	2202	∂	∂	∂	∂	∂
nexists	2204	∄	∄	∄	∄	∄
smallin	220a	∊	∊	∊	∊	∊
smallni	220d	∍	∍	∍	∍	∍
dotplus	2214	∔	∔	∔	∔	∔
dbloint	222f	∯	∯	∯	∯	∯
because	2235	∵	∵	∵	∵	∵
eqcolon	2239	∹	∹	∹	∹	∹

plurimath/latex/ constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
backsim	223d	∽	∽	∽	∽	∽
simneqq	2246	≆	≆	≆	≆	≆
napprox	2249	≉	≉	≉	≉	≉
coloneq	2254	≔	≔	≔	≔	≔
varsdef	225c	≜	≜	≜	≜	≜
questeq	225f	≟	≟	≟	≟	≟
between	226c	≬	≬	≬	≬	≬
lesssim	2272	≲	≲	≲	≲	≲
ngtrsim	2275	≵	≵	≵	≵	≵
lessgtr	2276	≶	≶	≶	≶	≶
gtrless	2277	≷	≷	≷	≷	≷
precsim	227e	≾	≾	≾	≾	≾
succsim	227f	≿	≿	≿	≿	≿
nsubset	2284	⊄	⊄	⊄	⊄	⊄
nsupset	2285	⊅	⊅	⊅	⊅	⊅
boxplus	229e	⊞	⊞	⊞	⊞	⊞
imageof	22b7	⊷	⊷	⊷	⊷	⊷
diamond	22c4	⋄	⋄	⋄	⋄	#
lrtimes	22c8	⋈	⋈	⋈	⋈	⋈
lessdot	22d6	⋖	⋖	⋖	⋖	⋖
npreceq	22e0	⋠	⋠	⋠	⋠	⋠
nsucceq	22e1	⋡	⋡	⋡	⋡	⋡
isindot	22f5	⋵	⋵	⋵	⋵	#
hexagon	2394	⎔	⎔	⎔	#	#
obrbrak	23e0	⏞	⏞	⏞	⏞	#
ubrbrak	23e1	⏟	#	#	⏟	#
benzenr	23e3	⏣	#	#	#	#
squoval	25a2	▢	#	▢	#	#
Diamond	25c7	◇	#	◇	#	◇
fisheye	25c9	◉	#	◉	#	◉
lozenge	25ca	◊	◊	◊	◊	◊
bigstar	2605	★	#	#	#	★
yinyang	262f	☯	#	#	#	☯
frownie	2639	☹	#	#	#	☹
sadface	2639	☹	#	#	#	☹
mercury	263f	☿	#	#	#	☿
Mercury	263f	☿	#	#	#	☿
jupiter	2643	♃	#	#	#	♃
Jupiter	2643	♃	#	#	#	♃

plurimath/latex/ constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
neptune	2646	♆	#	#	#	♆
Neptune	2646	♆	#	#	#	♆
scorpio	264f	♏	#	#	#	♏
Scorpio	264f	♏	#	#	#	♏
varclub	2667	♧	#	#	#	♧
natural	266e	♮	#	#	♮	♮
recycle	267b	♻	#	#	#	#
diceiii	2682	⚂	#	#	#	#
warning	26a0	⚠	#	#	#	#
medcirc	26aa	⚪	#	#	#	#
ballotx	2717	#	#	#	#	#
maltese	2720	✠	#	✠	#	#
varstar	2736	✶	#	#	#	#
lbrbrak	2772	❲	#	#	#	#
rbrbrak	2773	❳	#	#	#	#
suphsol	27c9	⟉	#	⟉	⟉	#
pushout	27d4	⟔	⟔	⟔	⟔	#
Lbrbrak	27ec	⟬	#	⟦	⟬	⟬
Rbrbrak	27ed	⟭	#	⟧	⟭	⟭
implies	27f9	⟹	⟹	⟹	⟹	⟹
dbkarow	290f	⤏	⤏	⤏	⤏	#
leadsto	2933	⤳	⤳	⤳	⤳	#
subrarr	2979	⥹	⥹	⥹	⥹	#
suplarr	297b	⥻	⥻	⥻	⥻	#
llangle	2989	⦉	⦉	⦉	⦉	#
rrangle	298a	⦊	⦊	⦊	⦊	#
vzigzag	299a	⦚	⦚	⦚	⦚	#
obslash	29b8	⦸	⦸	⦸	⦸	#
olcross	29bb	⦻	⦻	⦻	⦻	#
cirscir	29c2	⧂	⧂	⧂	⧂	#
boxdiag	29c4	⧄	⧄	⧄	⧄	#
fbowtie	29d3	⧓	⧓	⧓	⧓	#
lftimes	29d4	⧔	⧔	⧔	⧔	#
rftimes	29d5	⧕	⧕	⧕	⧕	#
nvinfty	29de	⧞	⧞	⧞	⧞	#
dualmap	29df	⧟	⧟	⧟	⧟	#
shuffle	29e2	⧢	⧢	⧢	⧢	#
thermod	29e7	⧧	⧧	⧧	⧧	#
rsolbar	29f7	⧷	⧷	⧷	⧷	⧷

plurimath/latex/ constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
bigodot	2a00	⊙	⊙	⊙	⊙	⊙
varprod	2a09	⨉	⨉	⨉	⨉	#
npolint	2a14	⨔	⨔	⨔	⨔	#
project	2a21	⨡	⨡	⨡	⨡	#
plushat	2a23	⨣	⨣	⨣	⨣	#
simplus	2a24	⨤	⨤	⨤	⨤	#
plusdot	2a25	⨥	⨥	⨥	⨥	#
plussim	2a26	⨦	⨦	⨦	⨦	#
intprod	2a3c	⨼	⨼	⨼	⨼	#
twocups	2a4a	⩊	⩊	⩊	⩊	#
twocaps	2a4b	⩋	⩋	⩋	⩋	#
veeodot	2a52	⩒	⩒	⩒	⩒	#
congdot	2a6d	⩭	⩭	⩭	⩭	#
eqqplus	2a71	⩱	⩱	⩱	⩱	#
pluseqq	2a72	⩲	⩲	⩲	⩲	#
Coloneq	2a74	⩴	⩴	⩴	⩴	#
ddotseq	2a77	⩷	⩷	⩷	⩷	#
equivDD	2a78	⩸	⩸	⩸	⩸	#
ltquest	2a7b	⪻	⪻	⪻	⪻	#
gtquest	2a7c	⪼	⪼	⪼	⪼	#
lesdoto	2a81	⪁	⪁	⪁	⪁	#
gesdoto	2a82	⪂	⪂	⪂	⪂	#
eqqless	2a99	⪙	⪙	⪙	⪙	#
simless	2a9d	⪝	⪝	⪝	⪝	#
bumpeqq	2aae	⪮	⪮	⪮	⪮	#
precneq	2ab1	⪱	⪱	⪱	⪱	⪱
succneq	2ab2	⪲	⪲	⪲	⪲	⪲
preceqq	2ab3	⪳	⪳	⪳	⪳	⪳
succeqq	2ab4	⪴	⪴	⪴	⪴	⪴
llcurly	2abb	⪻	⪻	⪻	⪻	#
ggcurly	2abc	⪼	⪼	⪼	⪼	#
submult	2ac1	⫁	⫁	⫁	⫁	#
supmult	2ac2	⫂	⫂	⫂	⫂	#
subedot	2ac3	⫃	⫃	⫃	⫃	#
supedot	2ac4	⫄	⫄	⫄	⫄	#
lsqhook	2acd	⫍	⫍	⫍	⫍	#
rsqhook	2ace	⫎	⫎	⫎	⫎	#
suphsub	2ad7	⫗	⫗	⫗	⫗	#
supdsub	2ad8	⫘	⫘	⫘	⫘	#

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
topfork	2ada	⫚	⫚	⫚	⫚	#
revnmid	2aee	⫮	⫮	⫮	⫮	#
nhVvert	2af5	⫵	⫵	⫵	⫵	#
lllnest	2af7	⫷	⫷	⫷	⫷	#
gggnest	2af8	⫸	⫸	⫸	⫸	#
trslash	2afb	⫻	⫻	⫻	⫻	#
hzigzag	3030	〰	#	#	#	#
overbar	305	̅	̅	̅	̅	̅
upAlpha	391	Α	Α	Α	Α	Α
upGamma	393	Γ	Γ	Γ	Γ	Γ
upDelta	394	Δ	Δ	Δ	Δ	Δ
upTheta	398	Θ	Θ	Θ	Θ	Θ
upKappa	39a	Κ	Κ	Κ	Κ	Κ
upSigma	3a3	Σ	Σ	Σ	Σ	Σ
Upsilon	3a5	Υ	Υ	Υ	Υ	Υ
upOmega	3a9	Ω	#	Ω	Ω	Ω
upalpha	3b1	α	α	α	α	α
upgamma	3b3	γ	γ	γ	γ	γ
updelta	3b4	δ	δ	δ	δ	δ
uptheta	3b8	θ	θ	θ	θ	θ
upkappa	3ba	κ	κ	κ	κ	κ
upsigma	3c3	σ	σ	σ	σ	σ
upsilon	3c5	υ	υ	υ	υ	υ
upomega	3c9	ω	ω	ω	ω	ω
varbeta	3d0	ϐ	ϐ	ϐ	#	ϐ
upvarpi	3d6	ϖ	ϖ	ϖ	ϖ	ϖ
Digamma	3dc	Ϝ	Ϝ	Ϝ	#	Ϝ
digamma	3dd	ϝ	ϝ	ϝ	#	ϝ
upKoppa	3de	Ϟ	Ϟ	Ϟ	#	Ϟ
upkoppa	3df	ϟ	ϟ	ϟ	#	ϟ
upSampi	3e0	Ϡ	Ϡ	Ϡ	#	Ϡ
upsampi	3e1	ϡ	ϡ	ϡ	#	ϡ
epsilon	3f5	ϵ	ϵ	ϵ	ϵ	ϵ
percent	25	%	%	%	%	%
greater	3e	>	>	>	>	>
sptilde	7e	~	~	~	~	~
matheth	f0	ð	ð	ð	#	ð
dagger	2020	†	†	†	#	†
bullet	2022	•	•	•	#	•

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
second	2033	″	″	″	″	″
dprime	2033	″	″	″	″	″
Exclam	203c	‼	‼	‼	#	‼
fourth	2057	⁗	⁗	⁗	⁗	⁗
qprime	2057	⁗	⁗	⁗	⁗	⁗
ddddot	20dc	⃜	⃜	⃜	⃜	⃜
hslash	210f	ℏ	ℏ	ℏ	#	ℏ
daleth	2138	ℸ	ℸ	ℸ	ℸ	ℸ
invamp	214b	⅋	⅋	⅋	#	#
MapsUp	21a5	↥	↥	↥	↥	↥
mapsup	21a5	↥	↥	↥	↥	↥
mapsto	21a6	↦	↦	↦	↦	↦
forall	2200	∀	∀	∀	∀	∀
exists	2203	∃	∃	∃	∃	∃
coprod	2210	∐	∐	∐	∐	∐
propto	221d	∝	∝	∝	∝	∝
oiiint	2230	∰	∰	∰	∰	∰
nsimeq	2244	≄	≄	≄	≄	≄
approx	2248	≈	≈	≈	≈	≈
Bumpeq	224e	≎	≎	≎	≎	#
bumpeq	224f	≏	≏	≏	≏	#
eqcirc	2256	≖	≖	≖	≖	≖
circeq	2257	≗	≗	≗	≗	≗
wedgeq	2259	≙	≙	≙	≙	≙
stareq	225b	≛	≛	≛	≛	≛
measeq	225e	≞	≞	≞	≞	≞
nequiv	2262	≢	≢	≢	≢	≢
nasymp	226d	≭	≭	≭	≭	≭
apprle	2272	≲	≲	≲	≲	≲
gtrsim	2273	≳	≳	≳	≳	≳
apprge	2273	≳	≳	≳	≳	≳
subset	2282	⊂	⊂	⊂	⊂	⊂
supset	2283	⊃	⊃	⊃	⊃	⊃
cupdot	228d	⊍	⊍	⊍	⊍	⊍
ominus	2296	⊖	⊖	⊖	⊖	⊖
otimes	2297	⊗	⊗	⊗	⊗	⊗
oslash	2298	⊘	⊘	⊘	⊘	⊘
boxdot	22a1	⊡	⊡	⊡	⊡	⊡
assert	22a6	⊦	⊦	⊦	⊦	⊦

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
models	22a7	⊧	⊧	⊧	⊧	⊧
Vvdash	22aa	⊪	⊪	⊪	⊪	⊪
nvdash	22ac	⊬	⊬	⊬	⊬	⊬
nvDash	22ad	⊭	⊭	⊭	⊭	⊭
nVdash	22ae	⊮	⊮	⊮	⊮	⊮
nVDash	22af	⊯	⊯	⊯	⊯	⊯
prurel	22b0	⊰	⊰	⊰	⊰	#
scurel	22b1	⊱	⊱	⊱	⊱	#
origof	22b6	⊶	⊶	⊶	⊶	⊶
veebar	22bb	⊻	⊻	⊻	⊻	#
barvee	22bd	⊽	⊽	⊽	⊽	#
bigvee	22c1	⋁	⋁	⋁	⋁	⋁
bigcap	22c2	⋂	⋂	⋂	⋂	⋂
bigcup	22c3	⋃	⋃	⋃	⋃	⋃
bowtie	22c8	⋈	⋈	⋈	⋈	⋈
ltimes	22c9	⋉	⋉	⋉	⋉	⋉
rtimes	22ca	⋊	⋊	⋊	⋊	⋊
Subset	22d0	⋐	⋐	⋐	⋐	#
Supset	22d1	⋑	⋑	⋑	⋑	#
gtrdot	22d7	⋗	⋗	⋗	⋗	⋗
eqless	22dc	⋜	⋜	⋜	⋜	⋜
nunlhd	22ec	⋬	⋬	⋬	⋬	⋬
nunrhd	22ed	⋭	⋭	⋭	⋭	⋭
iddots	22f0	⋰	⋰	⋰	⋰	⋰
isinvb	22f8	⋸	⋸	⋸	⋸	#
varnis	22fb	⋻	⋻	⋻	⋻	#
niobar	22fe	⋾	⋾	⋾	⋾	#
lfloor	230a	⌊	⌊	⌊	⌊	⌊
rfloor	230b	⌋	⌋	⌋	⌋	⌋
invneg	2310	⌐	⌐	⌐	⌐	⌐
invnot	2310	⌐	⌐	⌐	⌐	⌐
inttop	2320	⌠	⌠	⌠	⌠	⌠
topbot	2336	⌶	⌶	⌶	⌶	#
APLinv	2339	⌹	⌹	⌹	⌹	#
APLlog	235f	⍟	⍟	⍟	⍟	#
sumtop	23b2	⎲	⎲	⎲	⎲	#
Circle	25cb	○	○	○	#	○
CIRCLE	25cf	●	#	●	#	●
boxbar	25eb	◫	#	◫	#	#

plurimath/latex/ constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
square	25fb	□	#	□	□	#
Square	2610	□	#	#	#	#
danger	2621	☡	#	#	#	#
smiley	263a	☺	#	#	#	☺
female	2640	♀	#	#	#	♀
saturn	2644	♄	#	#	#	♄
Saturn	2644	♄	#	#	#	♄
uranus	2645	♅	#	#	#	♅
Uranus	2645	♅	#	#	#	♅
taurus	2649	♉	#	#	#	♉
Taurus	2649	♉	#	#	#	♉
gemini	264a	♊	#	#	#	♊
Gemini	264a	♊	#	#	#	♊
cancer	264b	♋	#	#	#	♋
pisces	2653	♓	#	#	#	♓
diceii	2681	⚁	#	#	#	#
diceiv	2683	⚃	#	#	#	#
dicevi	2685	⚅	#	#	#	#
anchor	2693	⚓	#	#	#	#
swords	2694	⚔	#	#	#	#
neuter	26b2	⚲	#	#	#	#
pencil	270e	#	#	#	#	#
veedot	27c7	⩒	#	⩒	⩒	#
bigbot	27d8	⟘	⟘	⟘	⟘	#
bigtop	27d9	⟙	⟙	⟙	⟙	#
cirbot	27df	⟟	⟟	⟟	⟟	#
lBrack	27e6	⟦	⟦	⟦	⟦	⟦
Lbrack	27e6	⟦	⟦	⟦	⟦	⟦
rBrack	27e7	⟧	⟧	⟧	⟧	⟧
Rbrack	27e7	⟧	⟧	⟧	⟧	⟧
langle	2329	〈	〈	〈	#	〈
rangle	232a	〉	〉	〉	#	〉
lAngle	27ea	⟪	⟪	⟪	⟪	⟪
rAngle	27eb	⟫	⟫	⟫	⟫	⟫
lgroup	27ee	(	#	(	(	(
rgroup	27ef	)	#	)	)	)
Mapsto	2907	⤇	⤇	⤇	⤇	⤇
ltlarr	2976	⥶	⥶	⥶	⥶	#
gtrarr	2978	⥸	⥸	⥸	⥸	#

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
lBrace	2983	⦃	⦃	⦃	⦃	#
rBrace	2984	⦄	⦄	⦄	⦄	#
Lparen	2985	⦅	⦅	⦅	⦅	#
lParen	2985	⦅	⦅	⦅	⦅	#
Rparen	2986	⦆	⦆	⦆	⦆	#
rParen	2986	⦆	⦆	⦆	⦆	#
angles	299e	⦞	⦞	⦞	⦞	#
angdnr	299f	⦟	⦟	⦟	⦟	#
gtlpar	29a0	⦠	⦠	⦠	⦠	#
boxast	29c6	⧆	⧆	⧆	⧆	#
boxbox	29c8	⧈	⧈	⧈	⧈	#
ltrivb	29cf	⧏	⧏	⧏	⧏	#
vbrtri	29d0	⧐	⧐	⧐	⧐	#
iinfin	29dc	⧜	⧜	⧜	⧜	#
laplac	29e0	⧠	⧠	⧠	⧠	#
eparsl	29e3	⧣	⧣	⧣	⧣	#
tminus	29ff	⧿	⧿	⧿	⧿	#
sumint	2a0b	⨋	⨋	⨋	⨋	#
iiiint	2a0c	⨌	⨌	⨌	⨌	⨌
intbar	2a0d	⨍	⨍	⨍	⨍	#
intBar	2a0e	⨎	⨎	⨎	⨎	#
sqrint	2a16	⨖	⨖	⨖	⨖	#
intcap	2a19	⨙	⨙	⨙	⨙	#
intcup	2a1a	⨚	⨚	⨚	⨚	#
lowint	2a1c	⨜	⨜	⨜	⨜	#
btimes	2a32	⨲	⨲	⨲	⨲	#
Otimes	2a37	⨷	⨷	⨷	⨷	#
capdot	2a40	⩀	⩀	⩀	⩀	#
uminus	2a41	⩁	⩁	⩁	⩁	#
barcup	2a42	⩂	⩂	⩂	⩂	#
barcap	2a43	⩃	⩃	⩃	⩃	#
cupvee	2a45	⩅	⩅	⩅	⩅	#
dotsim	2a6a	⩪	⩪	⩪	⩪	#
eqqsim	2a73	⩳	⩳	⩳	⩳	#
eqeqeq	2a76	⩶	⩶	⩶	⩶	#
lesdot	2a7f	⩿	⩿	⩿	⩿	#
gesdot	2a80	⪀	⪀	⪀	⪀	#
lesges	2a93	⪓	⪓	⪓	⪓	#
gesles	2a94	⪔	⪔	⪔	⪔	#

plurimath/latex/ constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
elsdot	2a97	⩗	⩗	⩗	⩗	#
egsdot	2a98	⩘	⩘	⩘	⩘	#
eqqgtr	2a9a	⪚	⪚	⪚	⪚	#
simgtr	2a9e	⪞	⪞	⪞	⪞	#
preceq	2aaf	⪯	⪯	⪯	⪯	⪯
succeq	2ab0	⪰	⪰	⪰	⪰	⪰
subsim	2ac7	⫇	⫇	⫇	⫇	#
supsim	2ac8	⫈	⫈	⫈	⫈	#
subsup	2ad3	⫓	⫓	⫓	⫓	#
supsub	2ad4	⫔	⫔	⫔	⫔	#
subsub	2ad5	⫕	⫕	⫕	⫕	#
supsup	2ad6	⫖	⫖	⫖	⫖	#
vDdash	2ae2	⫢	⫢	⫢	⫢	#
cirmid	2aef	⫯	⫯	⫯	⫯	#
midcir	2af0	⫰	⫰	⫰	⫰	#
topcir	2af1	⫱	⫱	⫱	⫱	#
parsim	2af3	⫳	⫳	⫳	⫳	#
sslash	2afd	⫽	⫽	⫽	⫽	#
ovhook	309	̉	̉	̉	#	̉
candra	310	̐	̐	̐	#	̐
droang	31a	̚	̚	̚	#	̚
utilde	330	̰	̰	̰	̰	̰
upBeta	392	Β	Β	Β	Β	Β
upZeta	396	Ζ	Ζ	Ζ	Ζ	Ζ
upIota	399	Ι	Ι	Ι	Ι	Ι
Lambda	39b	Λ	Λ	Λ	Λ	Λ
upbeta	3b2	β	β	β	β	β
upzeta	3b6	ζ	ζ	ζ	ζ	ζ
upiota	3b9	ι	ι	ι	ι	ι
lambda	3bb	λ	λ	λ	λ	λ
varphi	3c6	φ	φ	φ	φ	φ
Stigma	3da	Ϛ	Ϛ	Ϛ	#	Ϛ
stigma	3db	ϛ	ϛ	ϛ	#	ϛ
varrho	3f1	ϱ	ϱ	ϱ	ϱ	ϱ
exclam	21	!	!	!	!	!
lparen	28	(	(	(	(	(
rparen	29	)	)	)	)	)
period	2e	.	.	.	.	.
atsign	40	@	@	@	@	@

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
lbrack	5b	[	[	[	[	[
rbrack	5d	]	]	]	]	]
lbrace	7b	{	{	{	{	{
rbrace	7d	}	}	}	}	}
pounds	a3	£	£	£	#	£
spddot	a8	¨	¨	¨	#	¨
qquad	a0a0a0a0					
ldots	2026	…	…	…	#	…
prime	2032	′	′	′	′	′
third	2034	‴	‴	‴	‴	‴
dddot	20db	⃛	⃛	⃛	⃛	⃛
DDDot	20db	⃛	⃛	⃛	⃛	⃛
Euler	2107	ℇ	ℇ	ℇ	#	#
tcohm	2126	Ω	Ω	Ω	#	Ω
aleph	2135	ℵ	ℵ	ℵ	ℵ	ℵ
gimel	2137	ℷ	ℷ	ℷ	ℷ	ℷ
upand	214b	⅋	⅋	⅋	#	#
nabla	2207	∇	∇	∇	∇	∇
notin	2209	∉	∉	∉	∉	∉
notni	220c	∌	∌	∌	∌	∌
minus	2212	−	−	−	−	−
slash	2215	∕	∕	∕	∕	∕
infty	221e	∞	∞	∞	∞	∞
angle	2220	∠	∠	∠	∠	∠
wedge	2227	∧	∧	∧	∧	∧
iiint	222d	∭	∭	∭	∭	∭
oiint	222f	∯	∯	∯	∯	∯
Colon	2237	∷	∷	∷	∷	∷
eqsim	2242	≂	≂	≂	≂	≂
simeq	2243	≃	≃	≃	≃	≃
nsime	2244	≄	≄	≄	≠	≄
ncong	2247	≇	≇	≇	≇	≇
asymp	224d	≍	≍	≍	≍	≍
doteq	2250	≐	≐	≐	≐	≐
Doteq	2251	≑	≑	≑	≑	≑
arceq	2258	≘	≙	≙	≘	≘
veeeq	225a	≚	≚	≚	≚	≚
eqdef	225d	≝	≝	≝	≝	≝
equiv	2261	≡	≡	≡	≡	≡

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
Equiv	2263	≣	≣	≣	≣	≣
lneqq	2268	≨	≨	≨	≨	≨
gneqq	2269	≩	≩	≩	≩	≩
nless	226e	≮	≮	≮	≮	≮
nprec	2280	⊀	⊀	⊀	⊀	⊀
nsucc	2281	⊁	⊁	⊁	⊁	⊁
uplus	228e	⊎	⊎	⊎	⊎	⊎
sqcap	2293	⊓	⊓	⊓	⊓	⊓
sqcup	2294	⊔	⊔	⊔	⊔	⊔
oplus	2295	⊕	⊕	⊕	⊕	⊕
vdash	22a2	⊢	⊢	⊢	⊢	⊢
dashv	22a3	⊣	⊣	⊣	⊣	⊣
vDash	22a8	⊨	⊨	⊨	⊨	⊨
Vdash	22a9	⊩	⊩	⊩	⊩	⊩
VDash	22ab	⊫	⊫	⊫	⊫	⊫
unlhd	22b4	⊴	⊴	⊴	⊴	⊴
unrhd	22b5	⊵	⊵	⊵	⊵	⊵
eqgtr	22dd	⋝	⋝	⋝	⋝	⋝
lnsim	22e6	⋦	⋦	⋦	⋦	⋦
gnsim	22e7	⋧	⋧	⋧	⋧	⋧
vdots	22ee	⋮	⋮	⋮	⋮	⋮
cdots	22ef	⋯	⋯	⋯	⋯	⋯
adots	22f0	⋰	⋰	⋰	⋰	⋰
ddots	22f1	⋱	⋱	⋱	⋱	⋱
disin	22f2	⋲	⋲	⋲	⋲	#
isins	22f4	⋴	⋴	⋴	⋴	#
barin	22f6	⋶	⋶	⋶	⋶	#
isinE	22f9	⋹	⋹	⋹	⋹	#
house	2302	⌂	⌂	⌂	#	⌂
lceil	2308	⌈	⌈	⌈	⌈	⌈
rceil	2309	⌉	⌉	⌉	⌉	⌉
frown	2322	⌢	⌢	⌢	#	⌢
smile	2323	⌣	⌣	⌣	#	⌣
strns	23e4	⏤	#	#	#	#
fltns	23e5	⏥	#	#	#	#
ularc	25dc	◜	#	◜	#	#
urarc	25dd	◝	#	◝	#	#
lrarc	25de	◞	#	◞	#	#
llarc	25df	◟	#	◟	#	#

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
skull	2620	☠	#	#	#	#
Venus	2640	♀	#	#	#	♀
earth	2641	♁	#	#	#	♁
pluto	2647	♇	#	#	#	♇
Pluto	2647	♇	#	#	#	♇
aries	2648	♈	#	#	#	♈
Aries	2648	♈	#	#	#	♈
virgo	264d	♍	#	#	#	♍
libra	264e	♎	#	#	#	♎
Libra	264e	♎	#	#	#	♎
sharp	266f	♯	#	#	♯	♯
dicei	2680	⚀	#	#	#	#
dicev	2684	⚄	#	#	#	#
psurj	2900	⤀	⤀	⤀	⤀	#
Vvert	2980	⦀	⦀	⦀	⦀	#
lblot	2989	⦉	⦉	⦉	⦉	#
rblot	298a	⦊	⦊	⦊	⦊	#
operp	29b9	⦹	⦹	⦹	⦹	#
zhide	29f9	⧹	⧹	⧹	⧹	#
xbsol	29f9	⧹	⧹	⧹	⧹	#
tplus	29fe	⧾	⧾	⧾	⧾	#
awint	2a11	⨑	⨑	⨑	⨑	#
sqint	2a16	⨖	⨖	⨖	⨖	#
upint	2a1b	⨛	⨛	⨛	⨛	#
zpipe	2a20	⨠	⨠	⨠	⨠	#
amalg	2a3f	⨿	⨿	⨿	⨿	⨿
Sqcap	2a4e	⩎	⩎	⩎	⩎	#
Sqcup	2a4f	⩏	⩏	⩏	⩏	#
Wedge	2a53	⩓	⩓	⩓	⩓	#
ndres	2a64	⩤	⩤	⩤	⩤	#
nrres	2a65	⩥	⩥	⩥	⩥	#
eqdot	2a66	⩦	⩦	⩦	⩦	#
asteq	2a6e	⩮	⩮	⩮	⩮	#
Equal	2a75	⩵	⩵	⩵	⩵	#
ltcir	2a79	⩹	⩹	⩹	⩹	#
gtcir	2a7a	⩺	⩺	⩺	⩺	#
lsime	2a8d	⪍	⪍	⪍	⪍	#
gsime	2a8e	⪎	⪎	⪎	⪎	#
lsimg	2a8f	⪏	⪏	⪏	⪏	#

plurimath/latex/ constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
gsiml	2a90	⪐	⪐	⪐	⪐	#
simlE	2a9f	⪟	⪟	⪟	⪟	#
simgE	2aa0	⪠	⪠	⪠	⪠	#
lescc	2aa8	⪨	⪨	⪨	⪨	#
gescc	2aa9	⪩	⪩	⪩	⪩	#
csube	2ad1	⫑	⫑	⫑	⫑	#
csupe	2ad2	⫒	⫒	⫒	⫒	#
forkv	2ad9	⫙	⫙	⫙	⫙	#
forks	2adc	⫝̸	⫝̸	⫝̸	⫝̸	#
perps	2ae1	⫡	⫡	⫡	⫡	#
dashV	2ae3	⫣	⫣	⫣	⫣	#
Dashv	2ae4	⫤	⫤	⫤	⫤	#
DashV	2ae5	⫥	⫥	⫥	⫥	#
vBarv	2ae9	⫩	⫩	⫩	⫩	#
nhpar	2af2	⫲	⫲	⫲	⫲	#
hline	23af	-	⎯	⎯	⎯	⎯
imath	131	ı	ı	ı	#	ı
jmath	237	ȷ	ȷ	ȷ	#	ȷ
grave	300	`	`	`	#	`
acute	301	´	´	´	#	´
breve	306	˘	˘	˘	#	˘
ocirc	30a	°	°	°	#	°
check	30c	ˇ	ˇ	ˇ	#	ˇ
Gamma	393	Γ	Γ	Γ	Γ	Γ
Delta	394	Δ	Δ	Δ	Δ	Δ
upEta	397	Η	Η	Η	Η	Η
Theta	398	Θ	Θ	Θ	Θ	Θ
upRho	3a1	Ρ	Ρ	Ρ	Ρ	Ρ
Sigma	3a3	Σ	Σ	Σ	Σ	Σ
upTau	3a4	Τ	Τ	Τ	Τ	Τ
upPhi	3a6	Φ	Φ	Φ	Φ	Φ
upChi	3a7	Χ	Χ	Χ	Χ	Χ
upPsi	3a8	Ψ	Ψ	Ψ	Ψ	Ψ
Omega	3a9	Ω	#	Ω	Ω	Ω
alpha	3b1	α	α	α	α	α
gamma	3b3	γ	γ	γ	γ	γ
delta	3b4	δ	δ	δ	δ	δ
upeta	3b7	η	η	η	η	η
theta	3b8	θ	θ	θ	θ	θ

plurimath/latex/ constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
kappa	3ba	κ	κ	κ	κ	κ
uprho	3c1	ρ	ρ	ρ	ρ	ρ
sigma	3c3	σ	σ	σ	σ	σ
uptau	3c4	τ	τ	τ	τ	τ
upchi	3c7	χ	χ	χ	χ	χ
uppsi	3c8	ψ	ψ	ψ	ψ	ψ
omega	3c9	ω	ω	ω	ω	ω
upphi	3d5	ϕ	ϕ	ϕ	ϕ	ϕ
varpi	3d6	ϖ	ϖ	ϖ	ϖ	ϖ
Qoppa	3d8	Ϙ	Ϙ	Ϙ	#	Ϙ
Koppa	3d8	Ϙ	Ϙ	Ϙ	#	Ϙ
qoppa	3d9	ϙ	ϙ	ϙ	#	ϙ
koppa	3d9	ϙ	ϙ	ϙ	#	ϙ
Sampi	3e0	Ϡ	Ϡ	Ϡ	#	Ϡ
sampi	3e1	ϡ	ϡ	ϡ	#	ϡ
comma	2c	,	,	,	,	,
colon	3a	:	:	:	:	:
equal	3d	=	=	=	=	=
sphat	5e	^	^	^	^	^
Micro	b5	µ	µ	µ	#	µ
cdotp	b7	·	·	·	#	·
times	d7	×	×	×	×	×
lVert	2225	‖	‖	‖	‖	‖
rVert	2225	‖	‖	‖	‖	‖
quad	2001					
Vert	2016	‖	‖	‖	#	‖
euro	20ac	€	€	€	#	€
lvec	20d0	⃐	⃐	⃐	⃐	⃐
LVec	20d6	⃖	⃖	⃖	⃖	⃖
Finv	2132	Ⅎ	#	Ⅎ	#	#
beth	2136	ℶ	ℶ	ℶ	ℶ	ℶ
Game	2141	⅁	⅁	⅁	#	#
gets	2190	←	←	←	←	←
tsur	21a0	↠	↠	↠	↠	↠
tinj	21a3	↣	↣	↣	↣	↣
dlsh	21b2	↲	↲	↲	↲	↲
Ldsh	21b2	↲	↲	↲	↲	↲
drsh	21b3	↳	↳	↳	↳	↳
Rdsh	21b3	↳	↳	↳	↳	↳

plurimath/latex/ constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
pfun	21f8	⇸	⇸	⇸	⇸	⇸
ffun	21fb	⇻	⇻	⇻	⇻	⇻
nexi	2204	∄	∄	∄	∄	∄
owns	220b	∋	∋	∋	∋	∋
circ	2218	∘	∘	∘	∘	∘
nmid	2224	∤	∤	∤	∤	∤
land	2227	∧	∧	∧	∧	∧
iint	222c	∬	∬	∬	∬	∬
nsim	2241	≁	≁	≁	≁	≁
cong	2245	≅	≅	≅	≅	≅
sdef	2259	≙	≙	≙	≙	≙
leqq	2266	≦	≦	≦	≦	≦
geqq	2267	≧	≧	≧	≧	≧
ngtr	226f	≯	≯	≯	≯	≯
nleq	2270	≰	≰	≰	≰	≰
ngeq	2271	≱	≱	≱	≱	≱
prec	227a	≺	≺	≺	≺	≺
succ	227b	≻	≻	≻	≻	≻
buni	228e	⊎	⊎	⊎	⊎	⊎
odot	2299	⊙	⊙	⊙	⊙	⊙
dint	22c2	⋂	⋂	⋂	⋂	⋂
duni	22c3	⋃	⋃	⋃	⋃	⋃
cdot	22c5	⋅	⋅	⋅	⋅	⋅
star	22c6	⋆	⋆	⋆	⋆	⋆
hash	22d5	⋕	⋕	⋕	⋕	#
nisd	22fa	⋺	⋺	⋺	⋺	#
obar	233d	⌽	⌽	⌽	⌽	#
rres	25b7	▷	#	▷	▷	▷
dres	25c1	◁	#	◁	◁	◁
XBox	2612	☒	#	#	#	#
male	2642	♂	#	#	#	♂
Mars	2642	♂	#	#	#	♂
flat	266d	♭	#	#	♭	♭
perp	27c2	⊥	#	⊥	⊥	⊥
Lbag	27c5	⟅	#	⟅	⟅	#
lbag	27c5	⟅	#	⟅	⟅	#
Rbag	27c6	⟆	#	⟆	⟆	#
rbag	27c6	⟆	#	⟆	⟆	#
upin	27d2	⋓	⋓	⋓	⋓	#

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
lang	27ea	⟪	⟪	⟪	⟪	⟪
rang	27eb	⟫	⟫	⟫	⟫	⟫
psur	2900	⤀	⤀	⤀	⤀	#
pinj	2914	⤔	⤔	⤔	⤔	#
finj	2915	⤕	⤕	⤕	⤕	#
tona	2927	⤧	⤧	⤧	⤧	#
toea	2928	⤨	⤨	⤨	⤨	#
tosa	2929	⤩	⤩	⤩	⤩	#
towa	292a	⤪	⤪	⤪	⤪	#
VERT	2980	⦀	⦀	⦀	⦀	#
spot	2981	●	•	•	•	#
limg	2987	⦇	⦇	⦇	⦇	⦇
rimg	2988	⦈	⦈	⦈	⦈	⦈
obot	29ba	⦺	⦺	⦺	⦺	#
cirE	29c3	⧃	⧃	⧃	⧃	#
dsol	29f6	⧶	⧶	⧶	⧶	⧶
xsol	29f8	⧸	⧸	⧸	⧸	#
hide	29f9	⧹	⧹	⧹	⧹	#
fint	2a0f	⨏	⨏	⨏	⨏	#
intx	2a18	⨘	⨘	⨘	⨘	#
Join	2a1d	⨝	⨝	⨝	⨝	#
zcmp	2a1f	⨟	⨟	⨟	⨟	#
semi	2a1f	⨟	⨟	⨟	⨟	#
odiv	2a38	⨸	⨸	⨸	⨸	#
fcmp	2a3e	⨾	⨾	⨾	⨾	⨾
comp	2a3e	⨾	⨾	⨾	⨾	⨾
dsub	2a64	⩤	⩤	⩤	⩤	#
rsub	2a65	⩥	⩥	⩥	⩥	#
eqeq	2a75	⩵	⩵	⩵	⩵	#
Same	2a76	⩶	⩶	⩶	⩶	#
lneq	2a87	⪇	⪇	⪇	⪇	⪇
gneq	2a88	⪈	⪈	⪈	⪈	⪈
ltcc	2aa6	⪦	⪦	⪦	⪦	#
gtcc	2aa7	⪧	⪧	⪧	⪧	#
smte	2aac	⪬	⪬	⪬	⪬	#
late	2aad	⪭	⪭	⪭	⪭	#
Prec	2abb	⪻	⪻	⪻	⪻	#
Succ	2abc	⪼	⪼	⪼	⪼	#
csub	2acf	⫏	⫏	⫏	⫏	#

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csup	2ad0	⊐	⊐	⊐	⊐	#
mlcp	2adb	⫛	⫛	⫛	⫛	#
Barv	2ae7	⫧	⫧	⫧	⫧	#
vBar	2ae8	⫨	⫨	⫨	⫨	#
barV	2aea	⫪	⫪	⫪	⫪	#
Vbar	2aeb	⫫	⫫	⫫	⫫	#
Perp	2aeb	⫫	⫫	⫫	⫫	#
bNot	2aed	⫭	⫭	⫭	⫭	#
Zbar	1b5	Ƶ	Ƶ	Ƶ	#	Ƶ
DDot	308	¨	¨	¨	¨	¨
ring	30a	°	°	°	#	°
upMu	39c	Μ	Μ	Μ	Μ	Μ
upNu	39d	Ν	Ν	Ν	Ν	Ν
upXi	39e	Ξ	Ξ	Ξ	Ξ	Ξ
upPi	3a0	Π	Π	Π	Π	Π
beta	3b2	β	β	β	β	β
zeta	3b6	ζ	ζ	ζ	ζ	ζ
iota	3b9	ι	ι	ι	ι	ι
upmu	3bc	μ	μ	μ	μ	μ
upnu	3bd	ν	ν	ν	ν	ν
upxi	3be	ξ	ξ	ξ	ξ	ξ
uppi	3c0	π	π	π	π	π
plus	2b	+	+	+	+	+
less	3c	<	<	<	<	<
vert	7c	|	|	|	|	|
cent	a2	¢	¢	¢	#	¢
lnot	ac	¬	¬	¬	¬	¬
tcmu	b5	μ	μ	μ	#	μ
"\ "	a0					
cat	2040	⁀	#	#	#	#
Vec	20d7	→⃗	→⃗	→⃗	→⃗	→⃗
ell	2113	ℓ	ℓ	ℓ	#	ℓ
mho	2127	℧	℧	℧	#	℧
Mho	2127	℧	℧	℧	#	℧
Yup	2144	⅄	⅄	⅄	#	#
rel	2194	↔	↔	↔	↔	↔
Lsh	21b0	↰	↰	↰	↰	↰
Rsh	21b1	↱	↱	↱	↱	↱
exi	2203	∃	∃	∃	∃	∃

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
nin	2209	∉	∉	∉	∉	∉
nni	220c	∌	∌	∌	∌	∌
QED	220e	∎	∎	∎	∎	∎
ast	2217	∗	∗	∗	∗	∗
mid	2223	∣	∣	∣	∣	∣
vee	2228	∨	∨	∨	∨	∨
lor	2228	∨	∨	∨	∨	∨
cap	2229	∩	∩	∩	∩	∩
cup	222a	∪	∪	∪	∪	∪
sim	223c	∼	∼	∼	∼	∼
neq	2260	≠	≠	≠	≠	≠
leq	2264	≤	≤	≤	≤	≤
geq	2265	≥	≥	≥	≥	≥
top	22a4	⊤	⊤	⊤	⊤	⊤
bot	22a5	⊥	⊥	⊥	⊥	⊥
Cap	22d2	⋒	⋒	⋒	⋒	#
Cup	22d3	⋓	⋓	⋓	⋓	#
lll	22d8	⋘	⋘	⋘	⋘	⋘
ggg	22d9	⋙	⋙	⋙	⋙	⋙
nis	22fc	⋼	⋼	⋼	⋼	#
RHD	25b6	▶	#	▶	#	▶
rhd	25b7	▷	#	▷	▷	▷
LHD	25c0	◀	#	◀	#	◀
lhd	25c1	◁	#	◁	◁	◁
Sun	2609	☉	#	#	#	☉
sun	263c	☼	#	#	#	☼
leo	264c	♌	#	#	#	♌
Leo	264c	♌	#	#	#	♌
iff	27fa	⟺	⟺	⟺	⟺	⟺
bij	2916	⤖	⤖	⤖	⤖	#
Vee	2a54	⩔	⩔	⩔	⩔	#
lgE	2a91	⪑	⪑	⪑	⪑	#
glE	2a92	⪒	⪒	⪒	⪒	#
glj	2aa4	⪤	⪤	⪤	⪤	#
gla	2aa5	⪥	⪥	⪥	⪥	#
smt	2aaa	⪪	⪪	⪪	⪪	#
lat	2aab	⪫	⪫	⪫	⪫	#
Top	2aea	⫪	⫪	⫪	⫪	#
Bot	2aeb	⫫	⫫	⫫	⫫	#

plurimath/latex/ constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
Not	2aec	⊐	⊐	⊐	⊐	#
Dot	307	˙	˙	˙	˙	˙
not	338	╱	╱	╱	#	╱
Phi	3a6	Φ	Φ	Φ	Φ	Φ
Psi	3a8	Ψ	Ψ	Ψ	Ψ	Ψ
eta	3b7	η	η	η	η	η
rho	3c1	ρ	ρ	ρ	ρ	ρ
tau	3c4	τ	τ	τ	τ	τ
chi	3c7	χ	χ	χ	χ	χ
psi	3c8	ψ	ψ	ψ	ψ	ψ
phi	3d5	ϕ	ϕ	ϕ	ϕ	ϕ
yen	a5	¥	¥	¥	#	¥
neg	ac	¬	¬	¬	¬	¬
eth	f0	ð	ð	ð	#	ð
div	f7	÷	÷	÷	÷	÷
Xi	39e	Ξ	Ξ	Ξ	Ξ	Ξ
Im	2111	ℑ	ℑ	ℑ	ℑ	ℑ
wp	2118	℘	℘	℘	#	℘
Re	211c	ℜ	ℜ	ℜ	ℜ	ℜ
DD	2145	𝔻	𝔻	𝔻	𝔻	#
dd	2146	ⅆ	ⅆ	ⅆ	ⅆ	#
ee	2147	ⅇ	ⅇ	ⅇ	ⅇ	#
ii	2148	ⅈ	ⅈ	ⅈ	ⅈ	#
jj	2149	ⅉ	ⅉ	ⅉ	ⅉ	#
to	2192	→	→	→	→	→
in	2208	∈	∈	∈	∈	∈
ni	220b	∋	∋	∋	∋	∋
mp	2213	∓	∓	∓	∓	∓
AC	223f	∿	∿	∿	∿	∿
wr	2240	≀	≀	≀	≀	≀
ne	2260	≠	≠	≠	≠	≠
le	2264	≤	≤	≤	≤	≤
ge	2265	≥	≥	≥	≥	≥
ll	226a	≪	≪	≪	≪	≪
gg	226b	≫	≫	≫	≫	≫
Lt	2aa1	⪡	⪡	⪡	⪡	#
Gt	2aa2	⪢	⪢	⪢	⪢	#
Pi	3a0	Π	Π	Π	Π	Π
mu	3bc	μ	μ	μ	μ	μ

plurimath/latex/constants.rb	U+xxxx	STIX Two Math v2.13 b171	Cambria Math v5.24	Cambria Math v6.99	Noto Sans Math v2.0001	Libertinus Math v7.040
nu	3bd	ν	ν	ν	ν	ν
xi	3be	ξ	ξ	ξ	ξ	ξ
pi	3c0	π	π	π	π	π
pm	b1	$\pm$	$\pm$	$\pm$	$\pm$	$\pm$
RR	211d	$\mathbb{R}$	$\mathbb{R}$	$\mathbb{R}$	$\mathbb{R}$	$\mathbb{R}$
NN	2115	$\mathbb{N}$	$\mathbb{N}$	$\mathbb{N}$	$\mathbb{N}$	$\mathbb{N}$
CC	2102	$\mathbb{C}$	$\mathbb{C}$	$\mathbb{C}$	$\mathbb{C}$	$\mathbb{C}$
QQ	211a	$\mathbb{Q}$	$\mathbb{Q}$	$\mathbb{Q}$	$\mathbb{Q}$	$\mathbb{Q}$
ZZ	2124	$\mathbb{Z}$	$\mathbb{Z}$	$\mathbb{Z}$	$\mathbb{Z}$	$\mathbb{Z}$
"-"	2212	−	−	−	−	−
"'"	27	'	'	'	'	'
"!"	21	!	!	!	!	!
"#"	23	#	#	#	#	#
"$"	24	$	$	$	$	$
"%"	25	%	%	%	%	%
"&"	26	&	&	&	&	&
"*"	2a	*	*	*	*	*
"+"	2b	+	+	+	+	+
","	2c	,	,	,	,	,
"."	2e	.	.	.	.	.
"/"	2f	/	/	/	/	/
":"	3a	:	:	:	:	:
";"	3b	;	;	;	;	;
"<"	3c	<	<	<	<	<
"="	3d	=	=	=	=	=
">"	3e	>	>	>	>	>
"?"	3f	?	?	?	?	?
"@"	40	@	@	@	@	@
"|"	7c	|	|	|	|	|
_	5f	_	_	_	_	_