

Terminal Configurations

	A	B	C	D	E	F	G	H	I
	OS Type	Distribution	Datapath	Release	Host Platform	Host Terminal Emulator	Terminal Device Emulator	has_colors	curses_colors
1	GNU/Linux (POSIX-style API & CLI)	CentOS by Red Hat	64-bit	7.00	See Note 1.	GNOME Terminal	vt100/vt220	FALSE	N/A
2							linux	TRUE	8
3							xterm	TRUE	8
4							xterm-color	TRUE	8
5							xterm-16color / xterm_88color / xterm_256color	TRUE	16
6							xterm-88color (Experimental: Still in development.)	TRUE	88
7	GNU/Linux (POSIX-style API & CLI)	Fedora by Red Hat	64-bit	21 (beta); 20 (See Note 4)	See Note 1.	GNOME Terminal	xterm-256color (Experimental: Still in development.)	TRUE	16
8							vt100/vt220	FALSE	N/A
9							linux	TRUE	8
10							xterm	TRUE	8
11							xterm-color (N/A)	TRUE	8
12							xterm-16color / xterm_88color / xterm_256color	TRUE	16
13	GNU/Linux (POSIX-style API & CLI)	OpenSUSE based on Red Hat	64-bit	13.1 (See Note 5)	See Note 1.	GNOME Terminal	xterm-88color (Experimental: Still in development.) (N/A)	TRUE	88
14							xterm-256color (Experimental: Still in development.) (N/A)	TRUE	256
15							vt100/vt220	FALSE	N/A
16							linux	TRUE	8
17							xterm	TRUE	8
18							xterm-color	TRUE	8
19	GNU/Linux (POSIX-style API & CLI)	Scientific by Red Hat	64-bit	6.50	See Note 1.	GNOME Terminal	xterm-16color / xterm_88color / xterm_256color	TRUE	16
20							xterm-88color (Experimental: Still in development.) (N/A)	TRUE	88
21							xterm-256color (Experimental: Still in development.) (N/A)	TRUE	256
22							vt100/vt220	FALSE	N/A
23							linux	TRUE	8
24							xterm	TRUE	8
25	GNU/Linux (POSIX-style API & CLI)	Ubuntu with Debian Kernel	32-bit	12.04 LTS	See Notes 1, 2 & 3.	GNOME Terminal	xterm-color	TRUE	8
26							xterm-16color / xterm_88color / xterm_256color	TRUE	16
27							xterm-88color (Experimental: Still in development.)	TRUE	88
28							xterm-256color (Experimental: Still in development.)	TRUE	16
29							vt100/vt220	FALSE	N/A
30							linux	TRUE	8
31	GNU/Linux (POSIX-style API & CLI)	Ubuntu with Debian Kernel	32-bit	12.04 LTS	See Notes 1, 2 & 3.	GNOME Terminal	xterm	TRUE	8
32							xterm-color	TRUE	8
33							xterm-16color / xterm_88color / xterm_256color	TRUE	16
34							xterm-88color (Experimental: Still in development.)	TRUE	88
35							xterm-256color (Experimental: Still in development.)	TRUE	256
36							vt100/vt220	FALSE	N/A

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37	GNU/Linux (POSIX-style API & CLI)	Ubuntu with Debian Kernel	64-bit	14.04 LTS	See Notes 1 & 7.	GNOME Terminal	vt100/vt220	FALSE	N/A
38							linux	TRUE	8
39							xterm	TRUE	8
40							xterm-color	TRUE	8
41							xterm-16color / xterm_88color / xterm_256color	TRUE	N/A
42	GNU/Linux (POSIX-style API & CLI) Windows Add-on	Cygwin by Red Hat	32-bit	1.7.28	See Notes 1, 2 & 3.	Cygwin Terminal (mintty)	xterm-88color (Experimental: Still in development.) (N/A)	TRUE	N/A
43							xterm-256color (Experimental: Still in development.) (N/A)	TRUE	16
44							vt100/vt220	FALSE	N/A
45							cygwin	TRUE	8
46							linux	TRUE	8
47	Mac OS X (POSIX-style API & CLI)	Mac OS X Lion with Darwin 11.2.4 Kernel	32-bit	10.7.5	See Note 2.	iTerm2	xterm	TRUE	8
48							xterm-color	TRUE	8
49							xterm-16color / xterm_88color / xterm_256color	TRUE	16
50							xterm-88color (Experimental: Still in development.)	TRUE	88
51							xterm-256color (Experimental: Still in development.)	TRUE	256
52	Mac OS X (POSIX-style API & CLI)	Mac OS X Mavericks with Darwin 13.2.0 Kernel	64-bit	10.9.2	See Note 1.	iTerm2	vt100/vt220	FALSE	N/A
53							linux	TRUE	8
54							xterm	TRUE	8
55							xterm-color	TRUE	8
56							xterm-16color / xterm_88color / xterm_256color	TRUE	16
57	Mac OS X (POSIX-style API & CLI)	Mac OS X Yosemite with Darwin 14.0.0 Kernel	64-bit	10.10.0	See Note 1. (Python 2.7.6 & 3.2.2)	Terminal	xterm-88color (Experimental: Still in development.)	TRUE	88
58							xterm-256color (Experimental: Still in development.)	TRUE	256
59							vt100/vt220	FALSE	N/A
60							linux	TRUE	8
61							xterm	TRUE	8
62	Mac OS X (POSIX-style API & CLI)	Mac OS X Yosemite with Darwin 14.0.0 Kernel	64-bit	10.10.0	See Note 1. (Python 2.7.6 & 3.2.2)	Terminal	xterm-color	TRUE	8
63							xterm-16color / xterm_88color / xterm_256color	TRUE	16
64							xterm-88color (Experimental: Still in development.)	TRUE	88
65							xterm-256color (Experimental: Still in development.)	TRUE	256
66	Mac OS X (POSIX-style API & CLI)	Mac OS X Yosemite with Darwin 14.0.0 Kernel	64-bit	10.10.0	See Note 1. (Python 2.7.6 & 3.2.2)	Terminal	vt100/vt220	FALSE	N/A
67							linux	TRUE	8
68							xterm	TRUE	8
69							xterm-color	TRUE	8
70							xterm-16color / xterm_88color / xterm_256color	TRUE	16
71	Mac OS X (POSIX-style API & CLI)	Mac OS X Yosemite with Darwin 14.0.0 Kernel	64-bit	10.10.0	See Note 1. (Python 2.7.6 & 3.2.2)	Terminal	xterm-88color (Experimental: Still in development.)	TRUE	88
72							xterm-256color (Experimental: Still in development.)	TRUE	256
73							vt100/vt220	FALSE	N/A
74							linux	TRUE	8

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75	Mac OS X (POSIX-style API & CLI)	Mac OS X Yosemite with Darwin 14.0.0 Kernel	64-bit	10.10.0	See Note 1. (Python 2.7.6 & 3.3.0)	Terminal	xterm	TRUE	8
76							xterm-color	TRUE	8
77							xterm-16color / xterm_88color / xterm_256color	TRUE	16
78							xterm-88color (Limitation: Emulates xterm-16color)	TRUE	16
79							xterm-256color (Limitation: Emulates xterm-16color)	TRUE	16
80	Unix (POSIX-style API & CLI)	PC-BSD by FreeBSD	32-bit	10.00	See Note 1.	KDE Terminal (kconsole)	vt100/vt220	FALSE	N/A
81							linux	TRUE	8
82							xterm	TRUE	8
83							xterm-color	TRUE	8
84							xterm-16color / xterm_88color / xterm_256color	TRUE	16
85	Unix (POSIX-style API & CLI)	OpenIndiana (OpenSolaris-based) with illumos kernel	32-bit	151a8 / 11 / 5.11	See Note 1.	GNOME Terminal	xterm-88color (Experimental: Still in development.)	TRUE	88
86							xterm-256color (Experimental: Still in development.)	TRUE	256
87							vt100/vt220	FALSE	N/A
88							linux	TRUE	8
89							xterm	TRUE	8
90	Unix (POSIX-style API & CLI)	OpenIndiana (OpenSolaris-based) with illumos kernel	32-bit	151a8 / 11 / 5.11	See Note 1.	GNOME Terminal	xterm-color	TRUE	8
91							xterm-16color / xterm_88color / xterm_256color	TRUE	16
92							xterm-88color (Experimental: Still in development.)	TRUE	88
93							xterm-256color (Experimental: Still in development.)	TRUE	256
94	Windows (Native API, CLI & GUI)	Windows XP by Microsoft (End-of-life on 8 April 2014)	32-bit	NT-5.1.2600	See Notes 1, 2 & 3.	Command Prompt (cmd.exe)	vt100/vt220	N/A	N/A
95							linux	N/A	N/A
96							xterm	N/A	N/A
97							xterm-color	N/A	N/A
98							xterm-16color / xterm_88color / xterm_256color	N/A	N/A
99	Windows (Native API, CLI & GUI)	Windows 7 by Microsoft	32-bit	NT-6.1.7601	See Notes 1 & 2.	Command Prompt (cmd.exe)	xterm-88color (Experimental: Still in development.)	N/A	N/A
100							xterm-256color (Experimental: Still in development.)	N/A	N/A
101							vt100/vt220	N/A	N/A
102							linux	N/A	N/A
103							xterm	N/A	N/A
104	Windows (Native API, CLI & GUI)	Windows 7 by Microsoft	32-bit	NT-6.1.7601	See Notes 1 & 2.	Command Prompt (cmd.exe)	xterm-color	N/A	N/A
105							xterm-16color / xterm_88color / xterm_256color	N/A	N/A
106							xterm-88color (Experimental: Still in development.)	N/A	N/A
107							xterm-256color (Experimental: Still in development.)	N/A	N/A
108							vt100/vt220	FALSE	N/A
109							cygwin	TRUE	8
110							linux	TRUE	8
111							xterm	TRUE	8
112							xterm-color	TRUE	8

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	A	B	C	D	E	F	G	H	I
113	Windows with Cygwin (POSIX-style API & CLI) Add-on	Windows XP by Microsoft (End-of-life on 8 April 2014)	32-bit	CYGWIN_NT-5.1	See Notes 1, 2 & 3.	Cygwin Terminal (mintty)	xterm-16color / xterm_88color / xterm_256color	TRUE	16
114							xterm-88color (Experimental: Still in development.)	TRUE	88
115							xterm-256color (Experimental: Still in development.)	TRUE	256
116						Cygwin Terminal (mintty)	vt100/vt220	FALSE	N/A
117							cygwin	TRUE	8
118							linux	TRUE	8
119							xterm	TRUE	8
120							xterm-color	TRUE	8
121							xterm-16color / xterm_88color / xterm_256color	TRUE	16
122	Windows with Cygwin (POSIX-style API & CLI) Add-on	Windows 7 by Microsoft	32-bit	CYGWIN_NT-6.1	See Notes 1 & 2.	Cygwin Terminal (mintty)	xterm-88color (Experimental: Still in development.)	TRUE	88
123							xterm-256color (Experimental: Still in development.)	TRUE	256
124							vt100/vt220	FALSE	N/A
125						Cygwin Terminal (mintty)	cygwin	TRUE	8
126							linux	TRUE	8
127							xterm	TRUE	8
128							xterm-color	TRUE	8
129							xterm-16color / xterm_88color / xterm_256color	TRUE	16
130							xterm-88color (Experimental: Still in development.)	TRUE	88
131	Windows with Cygwin (POSIX-style API & CLI) Add-on	Windows 8 by Microsoft	32-bit	CYGWIN_NT-6.2	See Notes 1 & 2.	Cygwin Terminal (mintty)	xterm-256color (Experimental: Still in development.)	TRUE	256
132							vt100/vt220	FALSE	N/A
133							cygwin	TRUE	8
134						Cygwin Terminal (mintty)	linux	TRUE	8
135							xterm	TRUE	8
136							xterm-color	TRUE	8
137							xterm-16color / xterm_88color / xterm_256color	TRUE	16
138							xterm-88color (Experimental: Still in development.)	TRUE	88
139							xterm-256color (Experimental: Still in development.)	TRUE	256
140						Cygwin Terminal (mintty)	vt100/vt220	FALSE	N/A
141							cygwin	TRUE	8
142							linux	TRUE	8
143							xterm	TRUE	8
144							xterm-color	TRUE	8
145							xterm-16color / xterm_88color / xterm_256color	TRUE	16
146	Windows with Cygwin (POSIX-style API & CLI) Add-on	Windows 10 Technical Preview (English) by Microsoft	64-bit	CYGWIN_NT-6.4	See Notes 1 & 2.	Cygwin Terminal (mintty)	xterm-88color (Experimental: Still in development.)	TRUE	88
147							xterm-256color (Experimental: Still in development.)	TRUE	256
148							vt100/vt220	FALSE	N/A
	OS Type	Distribution	Datapath	Release	Host Platform	Host Terminal Emulator	Terminal Device Emulator	has_colors	curses_colors

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	A	B	C	D	E	F	G	H	I
149									
150	Key:	Python x.y.z							
151		1	2013-model year Apple 27" iMac with quad Core Intel i7, 16 GB RAM, 120 GB internal Solid State Drive, 3 TB (7200 RPM) in						
152		2	2007-model year Apple 17" MacBook Pro with Intel Core2 Duo, 4 GB RAM, 160 GB (5400 RPM) Internal SATA-1 Drive, 1.5 T						
153		3	1998-model year Dell Inspiron 7000 with Intel Pentium II, 384 MB RAM and 32 GB (4200 RPM) internal ATA Drive.						
154		4	Fedora 20 Clean network install, 3.13.4-200.fc20.x86_64 kernel. Fedora 20 Reverted to older, 3.13.10-200.fc20.x86_64 kern 3.14.4-200.fc20.x86_64 kernel, on 5/13/2014 and again after a clean Network and Parallels Tools Install on 05/27/2014.						
155		5	OpenSUSE 13.1 did not support tsPlatformRunTimeEnvironmen.tsGetNetworkIdentification until module added exception						
156		6	The "tsWxGTUI" Toolkit provides a mapping of the "wxPython"-style 71-colors to the available built-in 8-/16-color palette in color palette. The mapping occurs when the number of color pairs is 64, 256 or when the USE_256_COLOR_PAIRS configura						
157		7	Ubuntu GNU/Linux 14.04 provides: a) Terminal, which provides the "GNU/Linux" terminal name and type; b) XTerm, which						
158									

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	J	K	L	M
1	curses_color_pairs	can_change_color	built-in (default) palette	custom palette
2	N/A	N/A	N/A	N/A
3	64 (8x8)	TRUE	8	See Note 6.
4	64 (8x8)	FALSE	8	See Note 6.
5	64 (8x8)	FALSE	8	See Note 6.
6	256 (16x16)	FALSE	16	See Note 6.
7	7744 (88x88)	TRUE	16	71
8	256 (16x16)	FALSE	16	N/A
9	N/A	N/A	N/A	N/A
10	64 (8x8)	TRUE	8	See Note 6.
11	64 (8x8)	FALSE	8	See Note 6.
12	64 (8x8)	FALSE	8	See Note 6.
13	256 (16x16)	TRUE	16	See Note 6.
14	256 (16x16)	TRUE	16	See Note 6.
15	256 (16x16)	TRUE	16	See Note 6.
16	N/A	N/A	N/A	N/A
17	64 (8x8)	TRUE	8	See Note 6.
18	64 (8x8)	FALSE	8	See Note 6.
19	64 (8x8)	FALSE	8	See Note 6.
20	256 (16x16)	FALSE	16	See Note 6.
21	7744 (88x88)	TRUE	16	71
22	32767 (181x181)	TRUE	16	140
23	N/A	N/A	N/A	N/A
24	64 (8x8)	TRUE	8	See Note 6.
25	64 (8x8)	FALSE	8	See Note 6.
26	64 (8x8)	FALSE	8	See Note 6.
27	256 (16x16)	FALSE	16	See Note 6.
28	7744 (88x88)	TRUE	16	71
29	256 (16x16)	FALSE	16	N/A
30	N/A	N/A	N/A	N/A
31	64 (8x8)	TRUE	8	See Note 6.
32	64 (8x8)	FALSE	8	See Note 6.
33	64 (8x8)	FALSE	8	See Note 6.
34	256 (16x16)	FALSE	16	See Note 6.
35	7744 (88x88)	TRUE	16	71
36	32767 (181x181)	TRUE	16	140

	J	K	L	M
37	N/A	N/A	N/A	N/A
38	64 (8x8)	TRUE	8	See Note 6.
39	64 (8x8)	FALSE	8	See Note 6.
40	64 (8x8)	FALSE	8	See Note 6.
41	N/A	N/A	N/A	See Note 6.
42	N/A	N/A	N/A	N/A
43	256 (16x16)	FALSE	16	N/A
44	N/A	N/A	N/A	N/A
45	64 (8x8)	FALSE	8	See Note 6.
46	64 (8x8)	TRUE	8	See Note 6.
47	64 (8x8)	FALSE	8	See Note 6.
48	64 (8x8)	FALSE	8	See Note 6.
49	256 (16x16)	FALSE	16	See Note 6.
50	7744 (88x88)	TRUE	16	71
51	32767 (181x181)	TRUE	16	140
52	N/A	N/A	N/A	N/A
53	64 (8x8)	TRUE	8	See Note 6.
54	64 (8x8)	FALSE	8	See Note 6.
55	64 (8x8)	FALSE	8	See Note 6.
56	256 (16x16)	FALSE	16	See Note 6.
57	7744 (88x88)	TRUE	16	71
58	32767 (181x181)	TRUE	16	140
59	N/A	N/A	N/A	N/A
60	64 (8x8)	TRUE	8	See Note 6.
61	64 (8x8)	FALSE	8	See Note 6.
62	64 (8x8)	FALSE	8	See Note 6.
63	256 (16x16)	FALSE	16	See Note 6.
64	7744 (88x88)	TRUE	16	71
65	32767 (181x181)	TRUE	16	140
66	N/A	N/A	N/A	N/A
67	64 (8x8)	TRUE	8	See Note 6.
68	64 (8x8)	FALSE	8	See Note 6.
69	64 (8x8)	FALSE	8	See Note 6.
70	256 (16x16)	FALSE	16	See Note 6.
71	5041 (71x71)	TRUE	16	71
72	19600 (140x140)	TRUE	16	140
73	N/A	N/A	N/A	N/A
74	64 (8x8)	TRUE	8	See Note 6.

	J	K	L	M
75	64 (8x8)	FALSE	8	See Note 6.
76	64 (8x8)	FALSE	8	See Note 6.
77	256 (16x16)	FALSE	16	See Note 6.
78	256 (16x16)	TRUE	16	71
79	256 (16x16)	TRUE	16	140
80	N/A	N/A	N/A	N/A
81	64 (8x8)	TRUE	8	See Note 6.
82	64 (8x8)	FALSE	8	See Note 6.
83	64 (8x8)	FALSE	8	See Note 6.
84	256 (16x16)	FALSE	16	See Note 6.
85	7744 (88x88)	TRUE	16	71
86	32767 (181x181)	TRUE	16	140
87	N/A	N/A	N/A	N/A
88	64 (8x8)	TRUE	8	See Note 6.
89	64 (8x8)	FALSE	8	See Note 6.
90	64 (8x8)	FALSE	8	See Note 6.
91	256 (16x16)	TRUE	16	See Note 6.
92	7744 (88x88)	TRUE	16	71
93	32767 (181x181)	TRUE	16	140
94	N/A	N/A	N/A	N/A
95	N/A	N/A	N/A	N/A
96	N/A	N/A	N/A	N/A
97	N/A	N/A	N/A	N/A
98	N/A	N/A	N/A	N/A
99	N/A	N/A	N/A	N/A
100	N/A	N/A	N/A	N/A
101	N/A	N/A	N/A	N/A
102	N/A	N/A	N/A	N/A
103	N/A	N/A	N/A	N/A
104	N/A	N/A	N/A	N/A
105	N/A	N/A	N/A	N/A
106	N/A	N/A	N/A	N/A
107	N/A	N/A	N/A	N/A
108	N/A	N/A	N/A	N/A
109	64 (8x8)	FALSE	8	See Note 6.
110	64 (8x8)	TRUE	8	See Note 6.
111	64 (8x8)	FALSE	8	See Note 6.
112	64 (8x8)	FALSE	8	See Note 6.

	J	K	L	M
113	256 (16x16)	FALSE	16	See Note 6.
114	7744 (88x88)	TRUE	16	71
115	32767 (181x181)	TRUE	16	140
116	N/A	N/A	N/A	N/A
117	64 (8x8)	FALSE	8	See Note 6.
118	64 (8x8)	TRUE	8	See Note 6.
119	64 (8x8)	FALSE	8	See Note 6.
120	64 (8x8)	FALSE	8	See Note 6.
121	256 (16x16)	FALSE	16	See Note 6.
122	7744 (88x88)	TRUE	16	71
123	32767 (181x181)	TRUE	16	140
124	N/A	N/A	N/A	N/A
125	64 (8x8)	FALSE	8	See Note 6.
126	64 (8x8)	TRUE	8	See Note 6.
127	64 (8x8)	FALSE	8	See Note 6.
128	64 (8x8)	FALSE	8	See Note 6.
129	256 (16x16)	FALSE	16	See Note 6.
130	7744 (88x88)	TRUE	16	71
131	32767 (181x181)	TRUE	16	140
132	N/A	N/A	N/A	N/A
133	64 (8x8)	FALSE	8	See Note 6.
134	64 (8x8)	TRUE	8	See Note 6.
135	64 (8x8)	FALSE	8	See Note 6.
136	64 (8x8)	FALSE	8	See Note 6.
137	256 (16x16)	FALSE	16	See Note 6.
138	7744 (88x88)	TRUE	16	71
139	32767 (181x181)	TRUE	16	140
140	N/A	N/A	N/A	N/A
141	64 (8x8)	FALSE	8	See Note 6.
142	64 (8x8)	TRUE	8	See Note 6.
143	64 (8x8)	FALSE	8	See Note 6.
144	64 (8x8)	FALSE	8	See Note 6.
145	256 (16x16)	FALSE	16	See Note 6.
146	7744 (88x88)	TRUE	16	71
147	32767 (181x181)	TRUE	16	140
148	curses_color_pairs	can_change_color	built-in (default) palette	custom palette

	J	K	L	M
149				
150				
151	ernal Hard Drive and Parallels 9 Desktop for Mac OS X			
152	(7200 RPM) External SATA-2 Drive and Parallels 8 & 9 Desktop for Mac OS			
153				
154	el, April 2014 version. Failed to Re-Boot after an Auto Update, of latest to			
155	andler for socket.gethostname error.			
156	n order to fulfill its guarantee to recognize the "wxPython" standard 68- tion switch overrides any higher number of color pairs.			
157	provides "xterm" through "xterm-256color".			
158				

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