

The background features two stylized dragons. On the left is a blue and black dragon with a long, flowing tail and a multi-headed head. On the right is a red and orange dragon with a more traditional, Western-style appearance, featuring a large, spiky crest and a more compact body.

WHEN EAST MEETS WEST

Web typography and how it can inspire modern layouts



(surname) (given name)

Chen Hui Jing



What does the web mean to you?



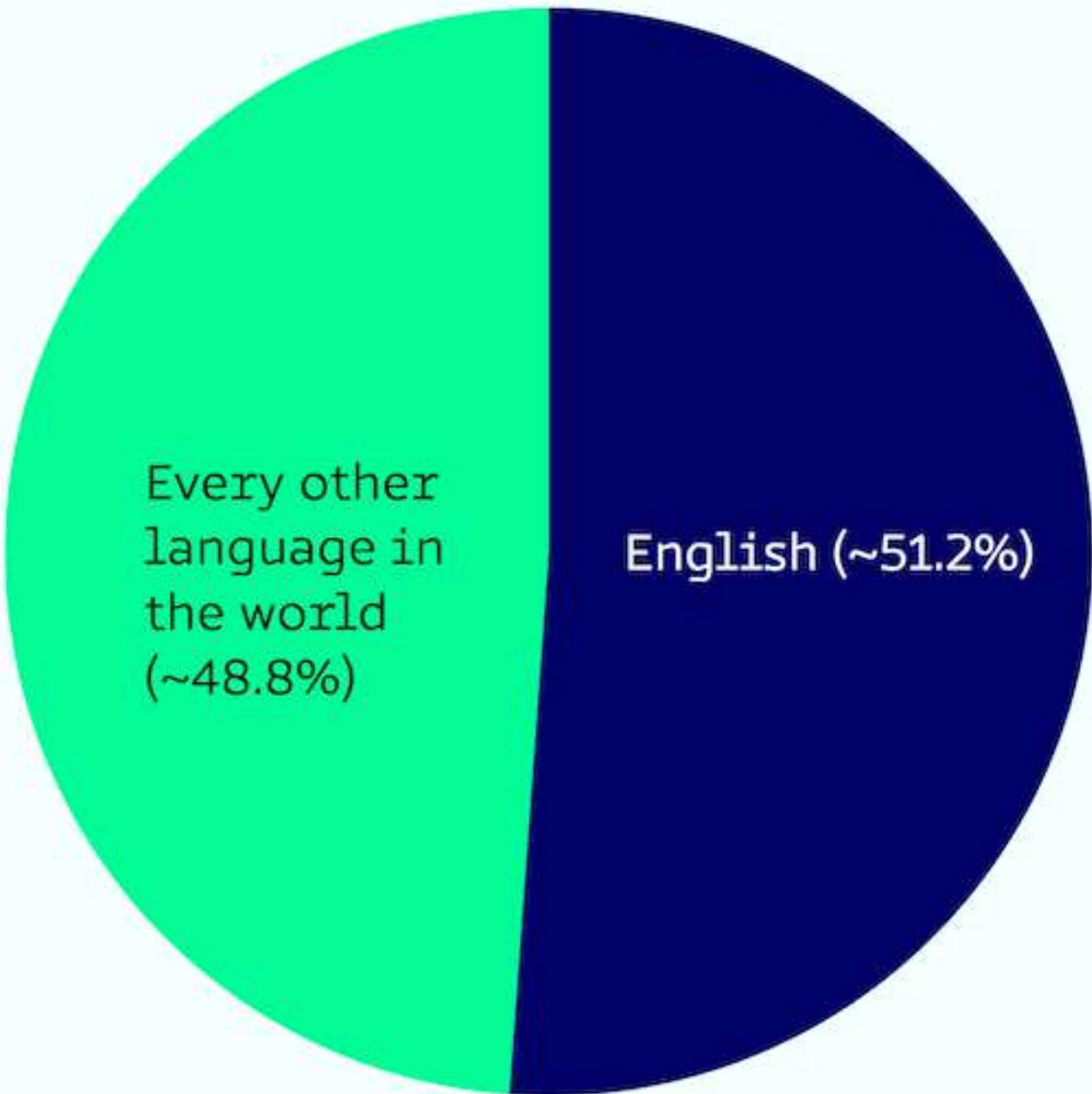


▶ ⏴ 0:00 / 0:00 🔍





Distribution of languages used around the world



Distribution of content languages on the web

Sources: [Worldometers](#), [Ethnologue](#), [W3Techs](#)





Hollywood
REPORTER

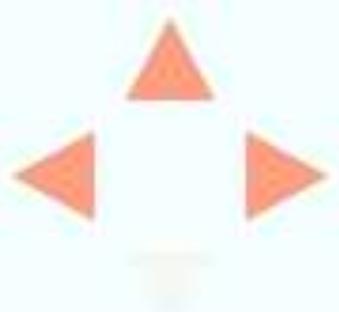
<https://youtu.be/JJv9ifzVh-U?t=23m33s>



Internationalisation (i18n)

“To ensure that the technology supports text in any writing system of the world.”

—W3C Internationalisation



Do developers even care about typography?



“Web design is 95% typography”

—Oliver Reichenstein



“Typography is writing with prefabricated letters”

—Gerrit Noordzij



Phoenician alphabet

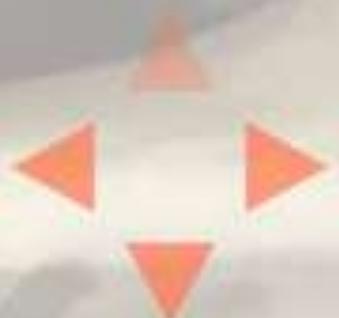
甲骨文





Hippopotamus
(English) 12 letters

河
马



A painting of a woman with long dark hair holding a small child. The woman is wearing a blue dress and the child is wearing a light blue shirt. They are set against a background of soft, white clouds. The artist's signature "Vickie Wade Fine" is visible in the lower left corner of the painting.

抱

וּבְשִׁבְרוּעָתֵיהֶם

13 letters (Hebrew)





Grianghrafadóireachta
(Irish) 21 letters

摄影

ORIGINAL MEANING	Egyptian	Phoenician	Greek	Roman Capital	Roman Uncial	Roman Half-Uncial	Minuscule	MODERN FORMS
Ox	𓃗	𐤁	Α	A	α	α	α	ΑαΑcΑαΑα
House	匚	𐤁	Β	B	β	β	β	ΒβΒBβΒβ
Camel	🐪	>	Γ	G	γ	γ	g	ΓggΓGggΓg
Door	¶	Δ	Δ	D	δ	δ	δ	ΔdΔDdΔδ
Window	חלון	𐤄	Ξ	E	ε	ε	ε	ΕeeEΞeeΞe
Water	☵	𐤍	𐤍	M	ମ	ମ	ମ	ମମମ୍ମମମମ
Eye	👁	ଓ	ଓ	ଓ	ଓ	ଓ	ଓ	ଓଓଓଓଓଓଓ
Mouth	👄	𐤃	𐤃	P	ປ	ປ	ປ	ປປປປປປ
Cross	✚	✗	✚	T	Tau	tau	t	TtTtTauTt

Illustrating the probable development of some of the letters of the alphabet

SERIFS

serifs

SANS SERIF



甲骨文	日	月	车	马
金文	日	月	车	马
小篆	日	月	车	马
隶书	日	月	车	马
楷书	日	月	车	马
草书	口	月	车	马
行书	日	月	车	马





宋 体

Song Ti

楷 体

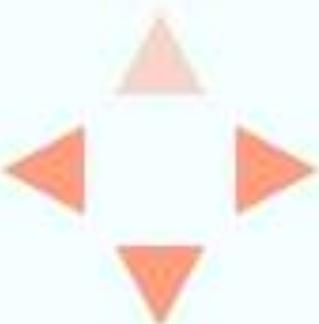
Kai Ti

仿 宋 体

Fang Song Ti

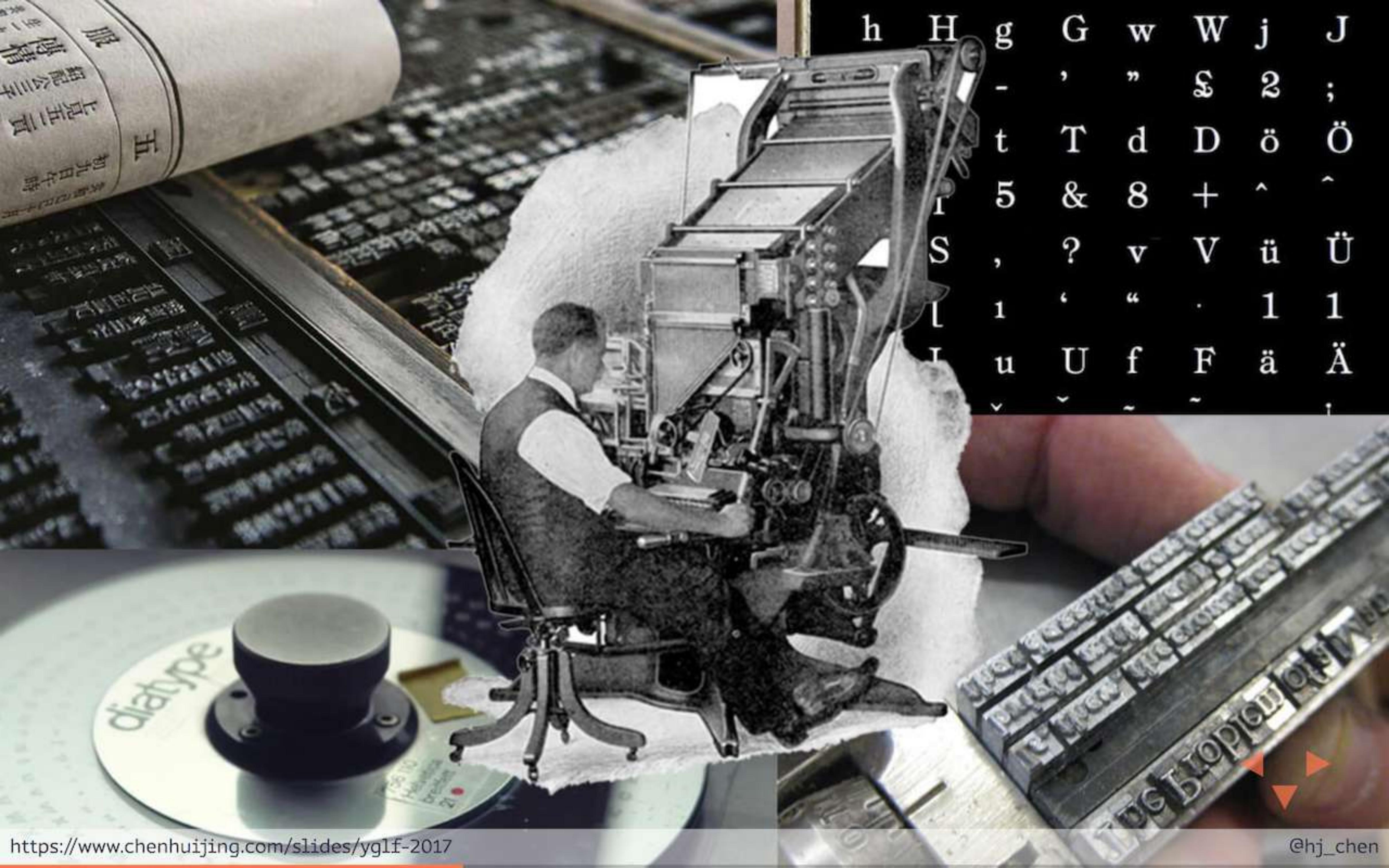
黑 体

Hei Ti



The image consists of a dense, uniform grid of Chinese characters, likely from a traditional Chinese font. The characters are arranged in a regular pattern, creating a textured, almost abstract appearance. The text is in black on a white background.

h H g G w W j J
- , " § 2 ;
t T d D ö Ö
5 & 8 + ^
S , ? v V ü Ü
1 ' " . 1 1
L u U f F ä Ä





The Big Picture Presents

Europe 24

This data visualization of Air Traffic in Europe was created from real flight data. It shows the air traffic which flies on a typical summer day and highlights the intensity of the operation in Europe - an operation which runs 24/7, 365 days a year.

Video courtesy of NATS
nats.aero/blog



The Big Picture Presents

Europe 24

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Video courtesy of NATS
nats.aero/blog



The web is a unique medium of its own

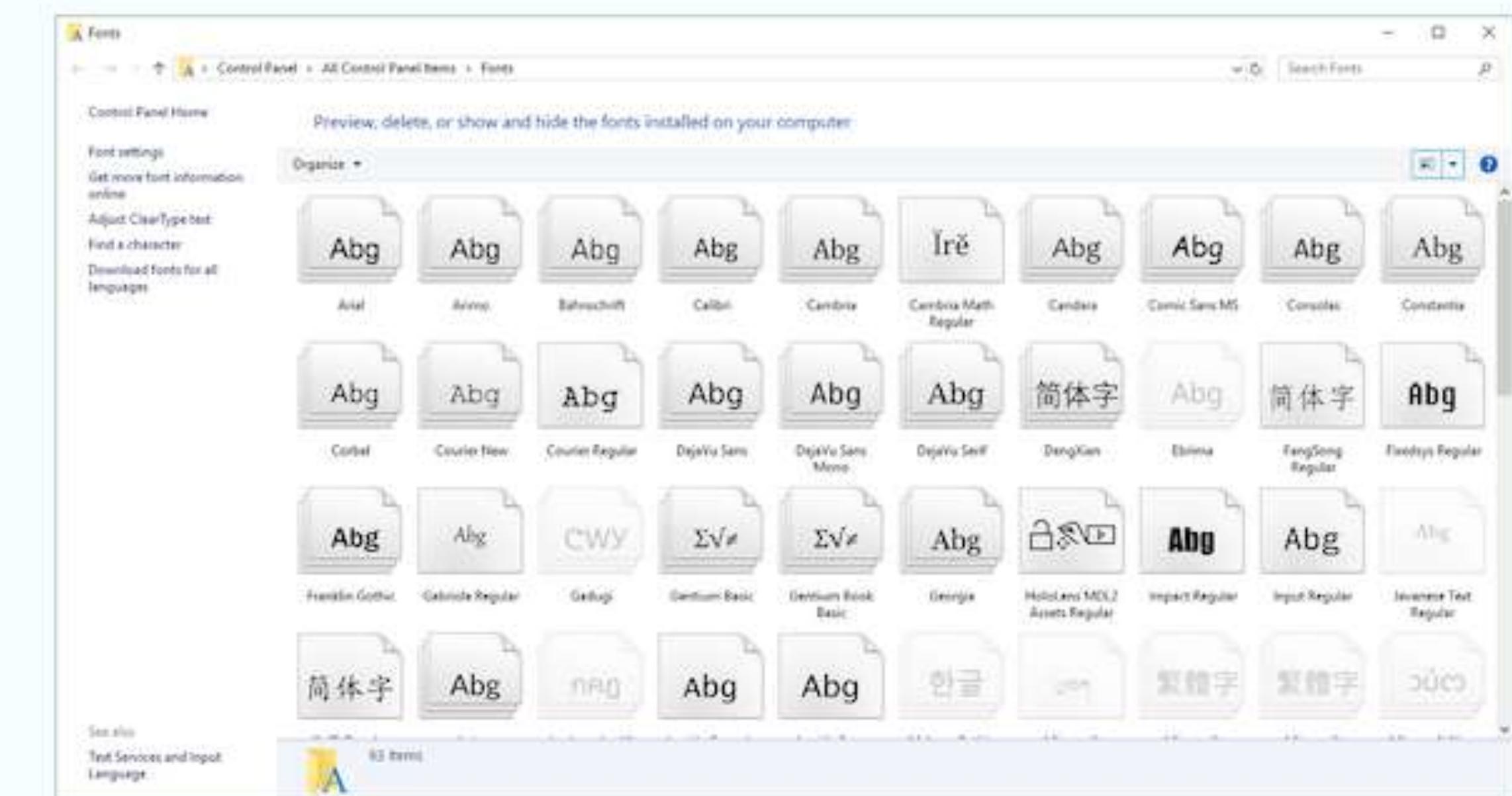
Web fonts

The CSS3 Fonts specification describes the basic controls CSS provides for selecting and using fonts within documents.

<http://bit.ly/css-font-history/>



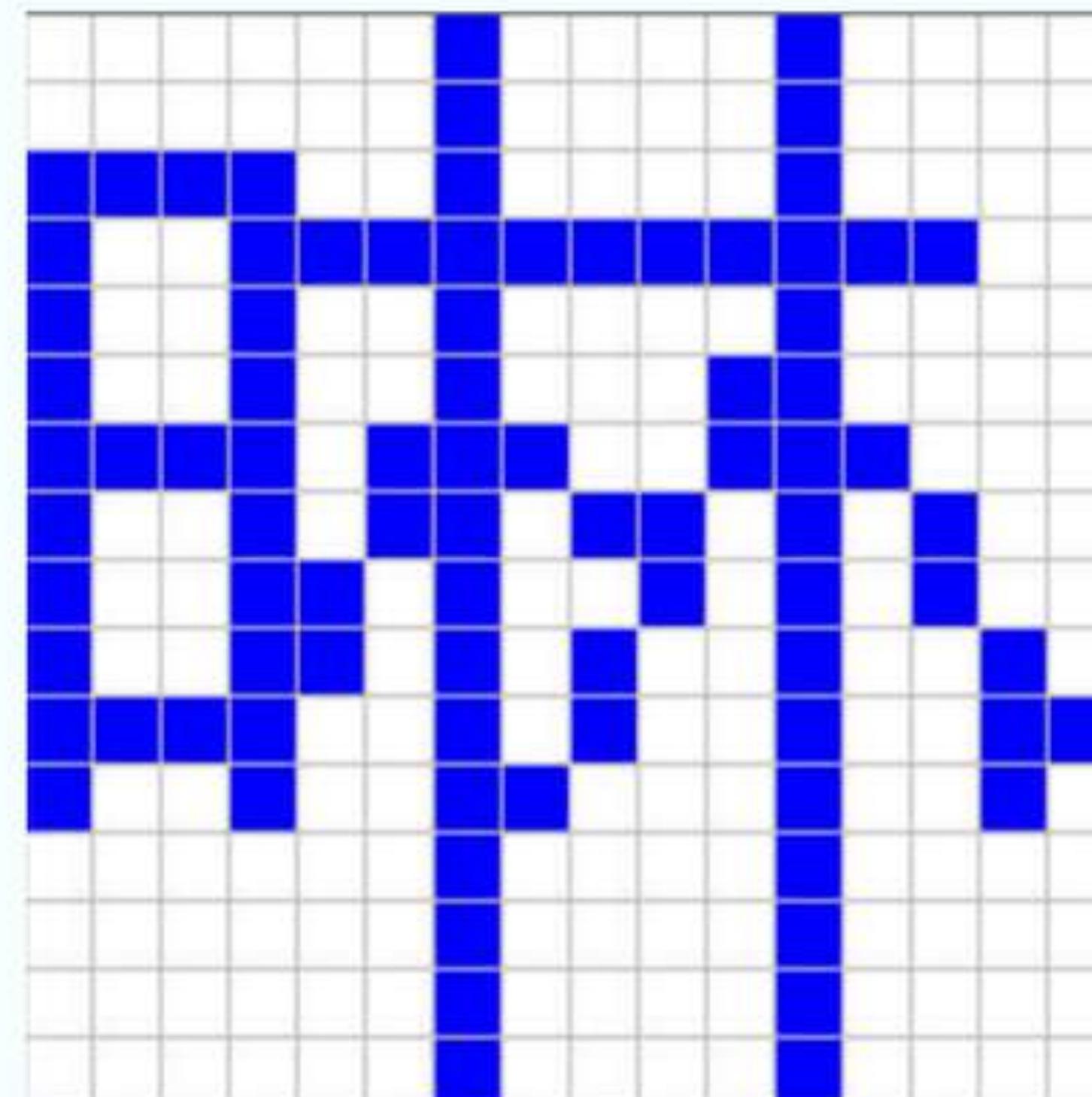
What is a font?



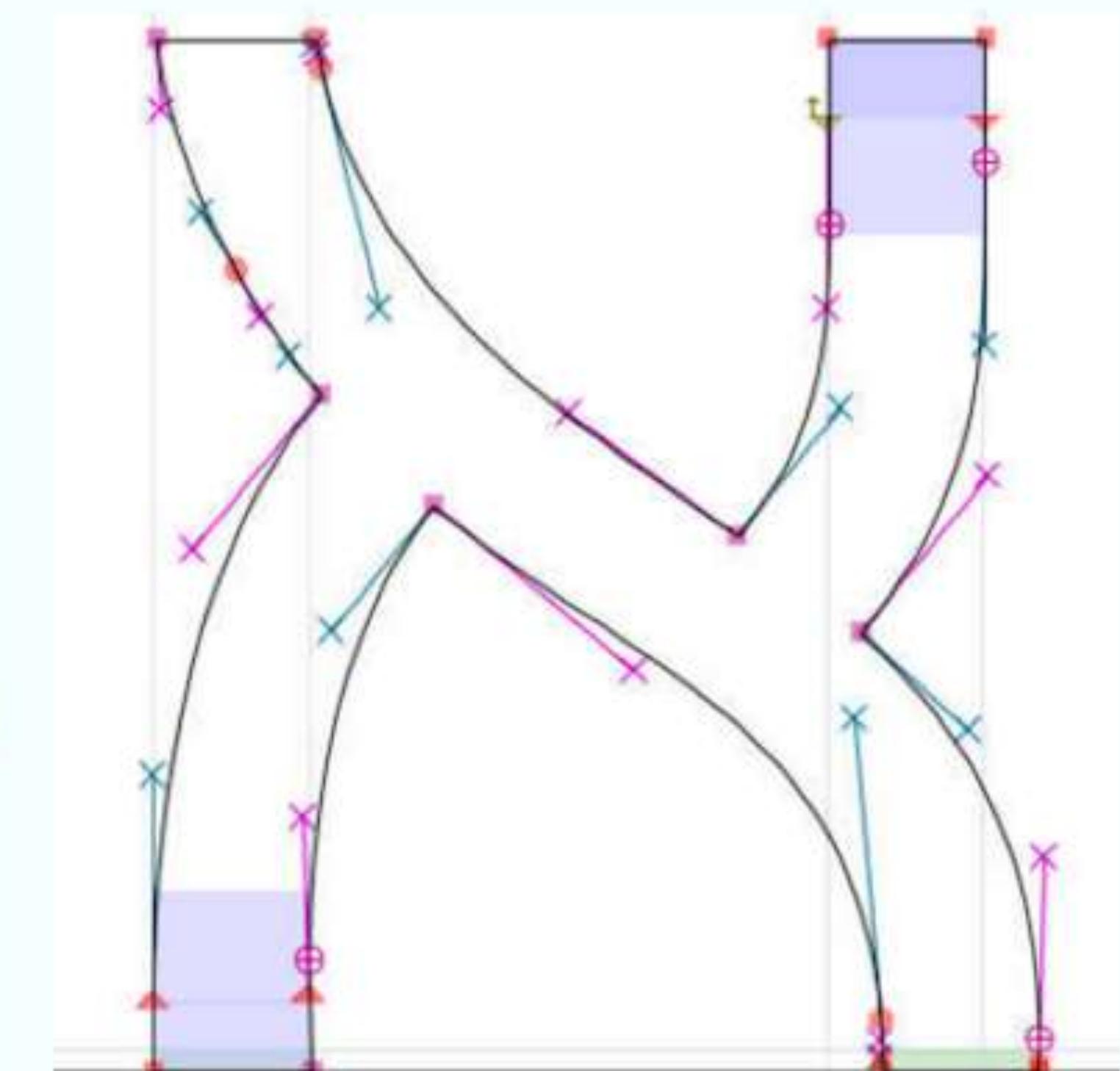
And what are glyphs?



F



琳



X



Font formats for web use

WOFF2 (Web Open Font Format 2)



Microsoft



moz://a



Opera

WOFF (Web Open Font Format)



Microsoft



moz://a



Opera

OTF (OpenType)



Microsoft



Adobe

TTF (TrueType)



Microsoft



EOT (Embedded Open Type)



Microsoft

SVG (Scalable Vector Graphics)



@font-face rule

```
@font-face {  
    font-family: 'Magnetic Pro';  
    src: url('../fonts/magnetic-pro-light.woff2') format('woff2'),  
         url('../fonts/magnetic-pro-light.woff') format('woff');  
}
```

WOFF - Web Open Font Format [↗](#)

Compressed TrueType/OpenType font that contains information about the font's source.



WOFF 2.0 - Web Open Font Format [↗](#)

TrueType/OpenType font that provides better compression than WOFF 1.0.



Anatomy of an @font-face rule

```
@font-face {  
    font-family: <family-name>  
    src: [ <url> [ format(<string> #) ]? | <font-face-name> ] #  
    font-style: normal | italic | oblique  
    font-weight: normal | bold | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900  
    font-stretch: normal | ultra-condensed | extra-condensed | condensed | expanded  
    unicode-range: <urange> #  
    font-variant: normal | none | [ <common-lig-values> ||| <discretionary-lig-values> ]? | <strikethrough-values> | <ordinals> | <small-caps>  
    font-feature-settings: normal | <feature-tag-value> #  
}
```



Descriptors

describe individual font faces

Properties

requests for styling



Basic CSS font properties

`font-size`

Indicates the desired height of the glyphs. Takes absolute or relative values.

`font-weight`

Specifies the weight of the glyphs in the font. Can use keywords or numerical values.

`font-style`

Allows italic or oblique faces to be selected.

`font-stretch`

Selects a normal, condensed or expanded face from a font family.
Range spans over 9 keywords.

`font-size-adjust`

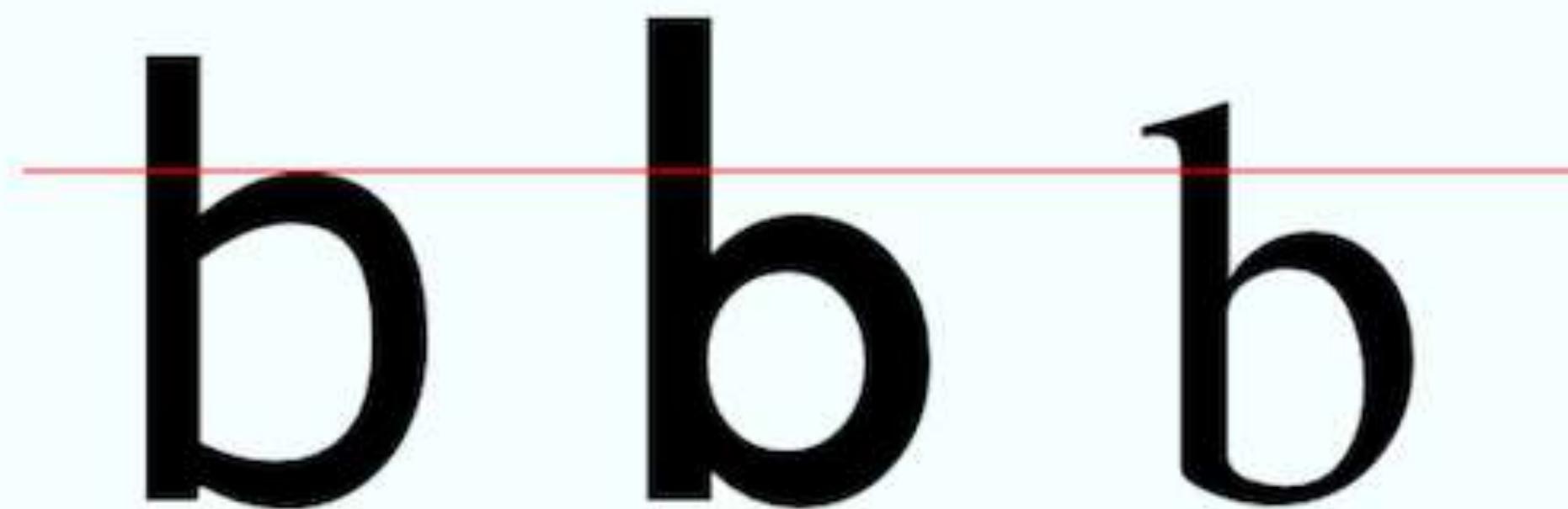
Adjusts the font-size to preserve the x-height of the first choice font.

`font-synthesis`

Controls whether user agents are allowed to synthesize bold or oblique font faces when missing.



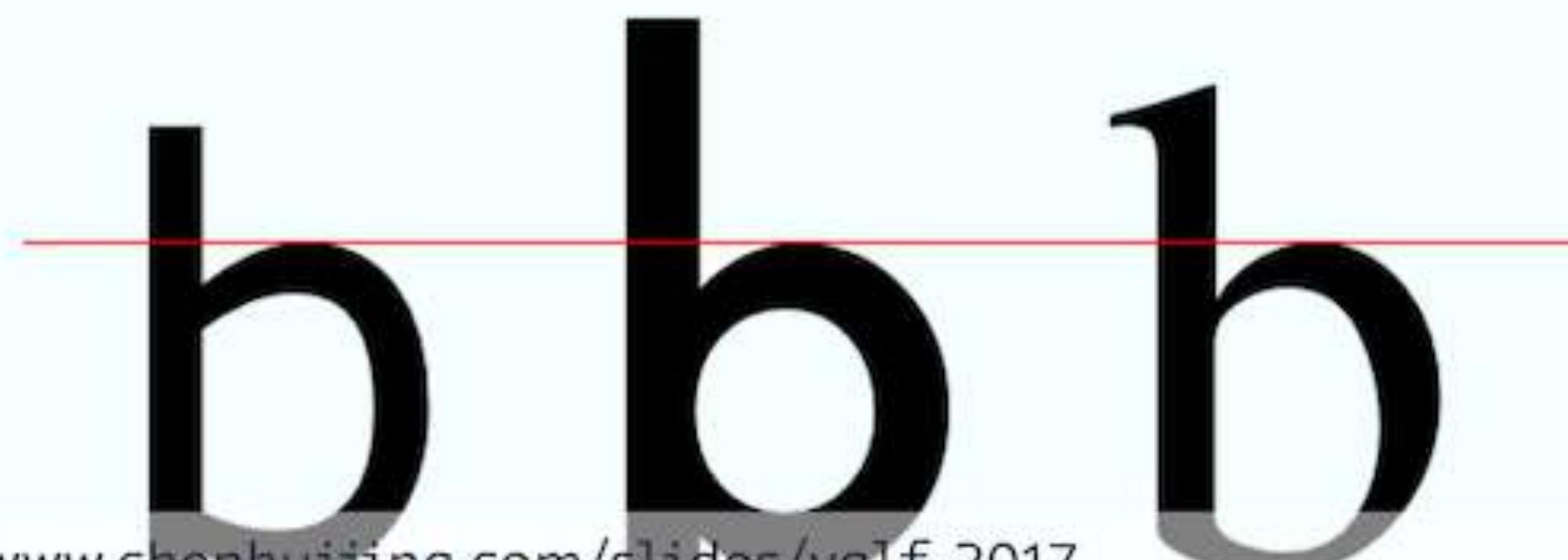
font-size-adjust



b b b

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.



b b b



EDIT ON
CODEPEN

This is a run of text in Merriweather.

This is a run of text in Georgia.

This is a run of text in Georgia with font-size-adjust set to 0.555, which is the (estimated) aspect ratio for Merriweather.

This is a run of text that's supposed to be set in Noticia Text but the font doesn't exist, so the fallback of Georgia has been invoked, with



font-synthesis

Minion Pro

afwn

Roboto

afwn

Minion Pro Faux Bold

afwn

Roboto Faux Bold

afwn

Minion Pro Bold

afwn

Roboto Bold

afwn

Minion Pro

afeunyi

Minion Pro Faux Italic

afeunyi

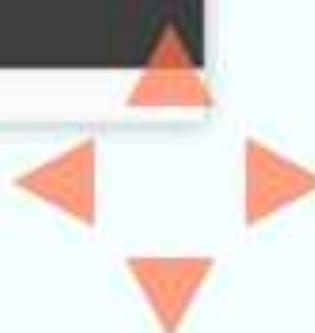
Minion Pro Italic

afeunyi

Image credit: Piotr Grochowski



```
@font-face {  
    font-family: 'Magnetic Pro';  
    src: url('magnetic-pro-light.woff2') format('woff2'),  
        url('magnetic-pro-light.woff') format('woff');  
    font-weight: normal;  
    font-style: normal;  
}  
  
@font-face {  
    font-family: 'Magnetic Pro';  
    src: url('carmelitregular.woff2') format('woff2'),  
        url('carmelitregular.woff') format('woff');  
    font-weight: normal;  
    font-style: normal;  
    unicode-range: U+05D5, U+05DB, U+05E9, U+05D1, U+05D6, U+05E8, U+05D5, U+05E2, U+05  
}
```



Declare your Latin fonts first

```
font-family: 'Gentium Basic', 'PingFang TC', 'Microsoft  
JhengHei', '微軟正黑體', 'Heiti TC', '黑體-繁', sans-serif;
```

Font rendering for Mac and Windows is different, and sometimes the Latin characters in Chinese fonts don't look good on Windows.

Put your font names in quotes. Just in case.



Font feature properties

font-kerning

A V W a

No kerning

A V W a

Kerning applied

font-variant-position

C H N O P
10 16 5 13 3

C H N O P
10 16 5 13 3

font-variant-position-ligatures

fi ► fi tʒ ► ß

WORDS ► **WoRDS**

labor of love ► *labor of love*

font-variant-numeric

1st 17th 2a ► 1st 17th 2^a

2 1/3 ► 2 1/3 Lining Old-Style

4000 ► 4000 409,280 409,280

367,112 367,112

155,068 155,068

171,792 171,792

font-variant-caps

The DOM, the HTML syntax, and the XHTML syntax cannot all represent the same content. For example, namespaces cannot be represented using the HTML syntax, but they are supported in the DOM and in the XHTML syntax.

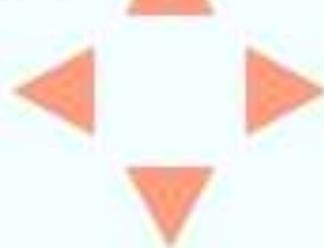
font-variant-alternates

Jesuits ► Jefuits

quick ► quick Quick ► Quick

incroyable ► **incroyables**

• ► ☰ ☱ ☲ 519 ► ⑤①⑨



font-variant-east-asian

麹町 ▶ 麹町

大学 ▶ 大學

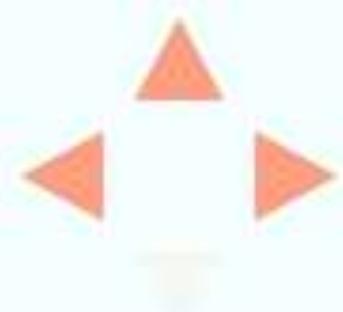
欧文フォント ▶ 欧文フォント



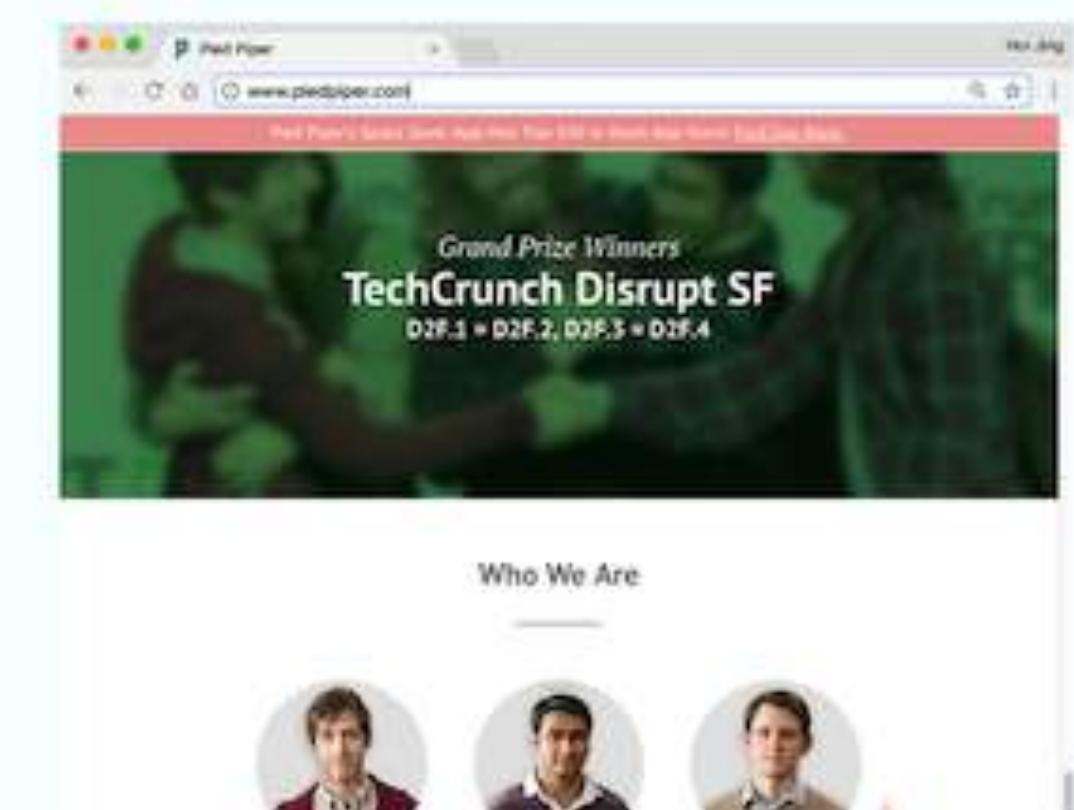
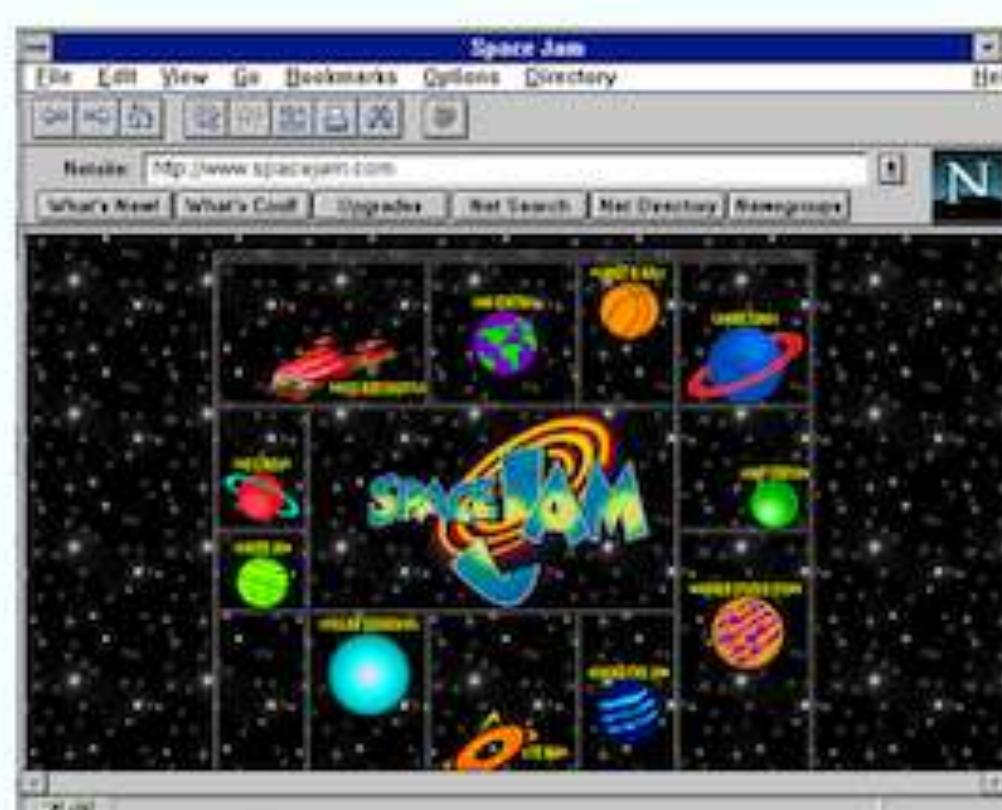
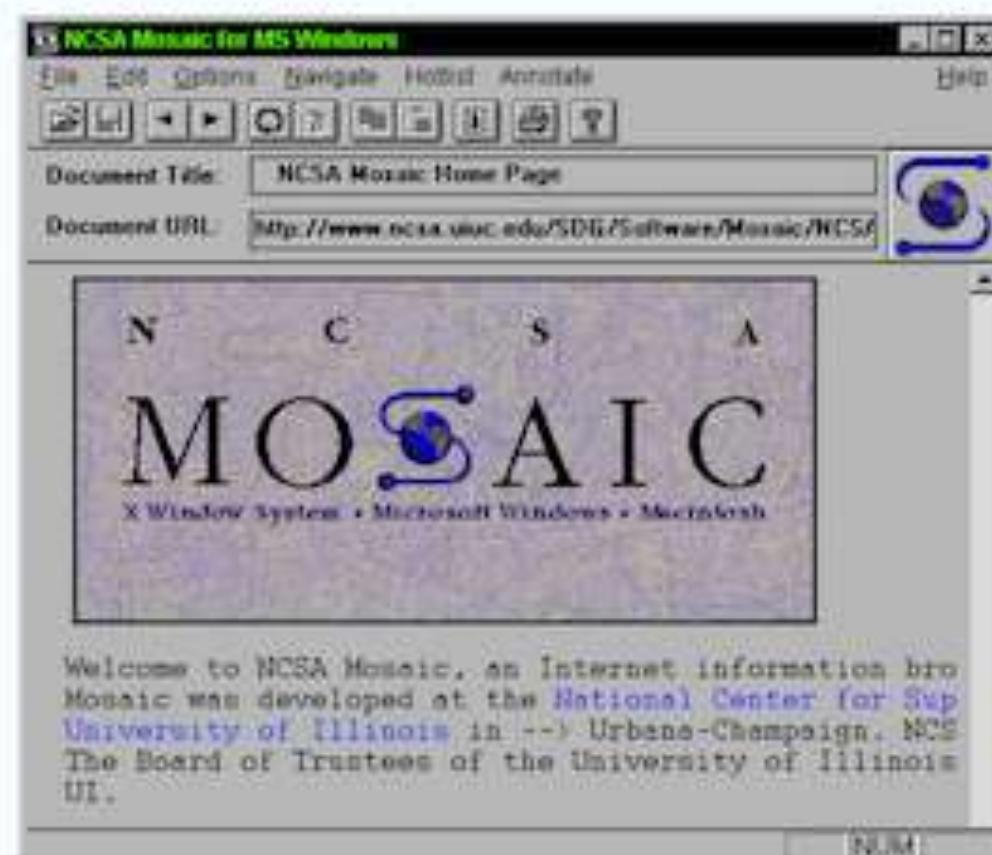
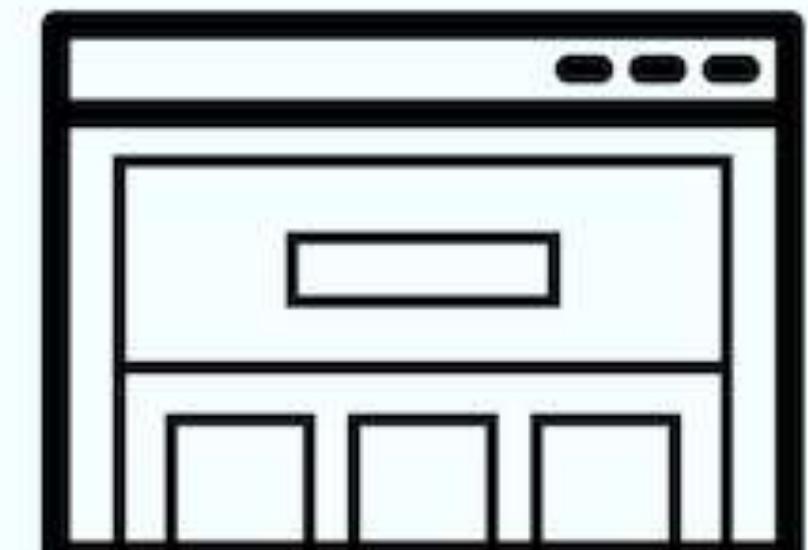
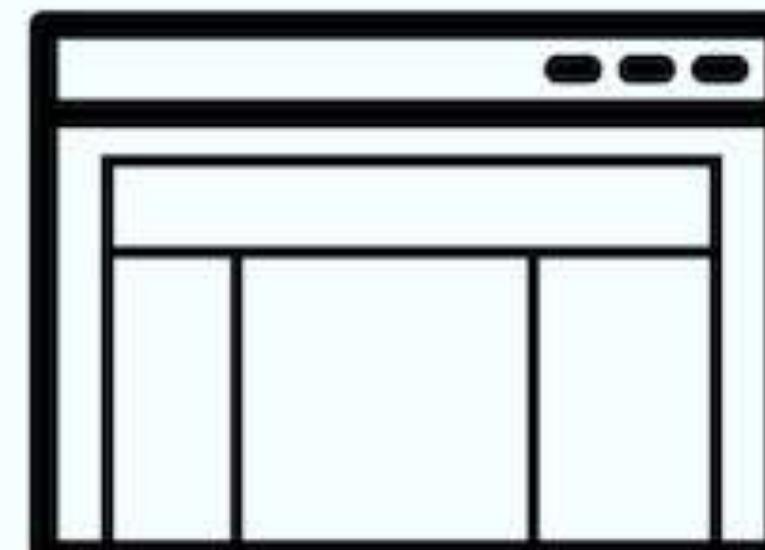
font-feature-settings

Provides low-level control of advanced OpenType features

aalt	cpsp	frac	jp83	mset	psts	smcp	ss15	twid
abvf	cswh	fwid	jp90	nalt	pwid	smpl	ss16	unic
abvm	curs	half	jp04	nlck	qwid	ss01	ss17	valt
abvs	cv01-cv99	haln	kern	nukt	rand	ss02	ss18	vatu
afrc	c2pc	halt	lfbd	numr	rclt	ss03	ss19	vert
akhn	c2sc	hist	liga	onum	rkrf	ss04	ss20	vhal
blwf	dist	hkna	ljmo	opbd	rlig	ss05	ssty	vjmo
blwm	dlig	hlig	lnum	ordn	rphf	ss06	stch	vkna
blws	dnom	hngl	locl	ornm	rtbd	ss07	subs	vkrn
calt	dtls	hojo	ltra	palt	rtla	ss08	sups	vpal
case	expt	hwid	ltrm	pcap	rtlm	ss09	swsh	vrt2
ccmp	falt	init	mark	pkna	ruby	ss10	titl	vrtr
cfar	fin2	isol	med2	pnum	rvrn	ss11	tjmo	zero
cjct	fin3	ital	medi	pref	salt	ss12	tnam	
clig	fina	jalt	mgrk	pres	sinf	ss13	tnum	
cpct	flac	jp78	mkmk	pstf	size	ss14	trad	



Web layouts over the years



2017: the year of CSS Grid

March 2017

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
5	6		8	9	10	11
12	13		15	16	17	18
19	20		22	23	24	25
26		28	29	30	31	

October 2017

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16		18	19	20	21
22	23	24	25	26	27	28
29	YG LF	YG LF				



“We need to translate ideas that we find in other places, not transfer them.”

—Jen Simmons



新 生 火柴 牌

Flyingman Safety Matches



TRADE MARK

ماهض اونج ترمالا

SINCERE MATCH & TOBACCO FACTORY LTD.
PETALING JAYA, KUALA LUMPUR, MALAYA.

飛人牌火柴



PANAU SALAP CHAP GAJAH



Hanya satu sahja PANAU SALAP yang selalu dipakai orang yaitu

PANAU SALAP CHAP GAJAH

kerana penyakit

- ★ PANAU
- ★ KURAP
- ★ GATAL²
- ★ Dan Lain²

Ada terjual disemua kedai obat diseluroh Malaysia, Singapura dan Brunei.





Kansai Yamamoto

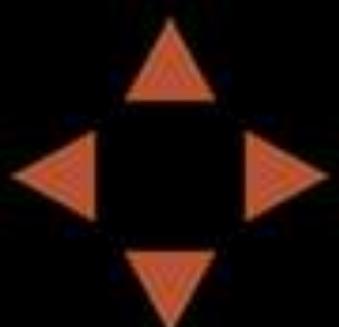
山本 寛斎

Fashion Avant-Garde – Art + Culture

Japanese Contemporary Kimono – Classic



Kansai Yamamoto became known for his avant-garde designs. After his last collection in 1992, he has returned to kimono designs which caught the eye of David Bowie. He has also designed a collection as a designer of traditional Japanese garments who wore them on his Ziggy Stardust tour. In 2010 he also designed the Skyliner train.



The magic of Writing Modes

CSS Writing Modes Level 3 defines CSS features to support for various international writing modes, such as **left-to-right** (e.g. Latin or Indic), **right-to-left** (e.g. Hebrew or Arabic), **bidirectional** (e.g. mixed Latin and Arabic) and **vertical** (e.g. Asian scripts).





!-us fu= -> e h t i u s - t e x t



Or make it read from right-to-left.



left-to-right.

Literally turn on its side from

You can make your browser

writing-mode property

horizontal-tb 从1987到现在

vertical-rl 从1987
到现在

vertical-lr 从1987
到现在

sideways-rl* 从1987
到现在

sideways-lr* 从1987
到现在

Properties marked with * have been deferred to Writing Modes Level 4.



text-orientation property

从1987到现在

mixed

从1987到现在

upright

从1987到现在

sideways



text-combine-upright property

民國106年7月3日

none

民國
106
年7月
3日

all

民國106年7月3日

*digits <integer>**

Codepen example for `text-combine-upright`



max-height: 25em

MNBL女子决赛·昔加末攀高峰夺冠

(吉隆坡29日讯)国手陈慧晶昨晚在第一届大马全国篮球联赛(MNBL)女子决赛中爆发，全场轰进18分4篮板，带领昔加末篮球公会以60比51击败吉隆坡高峰集团，以大热姿态在第一座MNBL奖杯上留名。

陈慧晶夺生涯首个MVP

陈慧晶在初赛与半决赛并不是特别抢眼，岂知来到决赛却成为了球队的致胜功臣。身高177公分的陈慧晶此役14投8中，命中率高达57%，尤其最后一节更是独得8分，顶住了高峰队的反扑。凭藉决赛的精彩演出，陈慧晶也因此当选决赛MVP(最有价值球员)，生涯首次获得这一项荣誉。

对于陈慧晶的表现，昔加末主帅戴正钧也赞不绝口，他说：「陈慧晶在这一场比赛的发挥是大家有目共睹的。而除了我们的MVP(陈慧晶)，汪秀婷、邱嫖媚也在关键时刻投进了几个三分球，我们才能够在紧要关头将比分扩大。」

多次靠三分球扩大比分

昔加末靠三分球抛离对手的纠缠，本场比赛就出现了好多次，像第三节高峰队追至20比26时，邱嫖媚就轰进三分球；然后在22比31时，汪秀婷也射出一记三分弹；来到比赛最后5分钟高峰以45比53咬紧比分时，邱嫖媚又适时出手命中三分球，让高峰队多次努力无功而返。

除了陈慧晶，邱嫖媚与彭燕燕在此役也各射下8分，汪秀婷和钟佩金各得7分，彭慧萍虽然只得5分，但却抢下全场比赛最高的10个篮板。

高峰队的陈巧婷此役的发挥也极为出色，射下23分8篮板，但却无法带领球队取胜。此外叶佛仪取得10分5篮板、李秀雯8分6篮板、伊查蒂7分6篮板等。

雷升龙：发挥输对手5%

高峰队主帅雷升龙表示，高峰队其实在本场决赛发挥得不错，只是昔加末的表现更为出色，防守也比他们更为严谨。

雷升龙说：「我们和昔加末其实都属于同样水平的队伍，胜负关键就要看双方球员的临场表现，而在这一方面我们在决赛中输了5%。」

margin-bottom: auto

Willem de Kooning

If Jackson Pollock was the public face of the New York avant-garde, Willem de

Kooning could be described as an artist's artist, who was perceived by many of his peers as its leader. He was born in

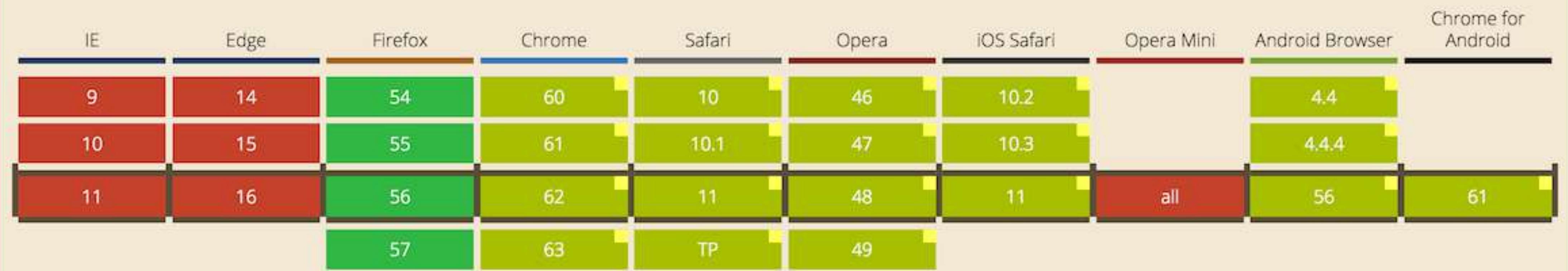
Rotterdam, where he grew up in an impoverished household and attended the

Rotterdam Academy, training in fine and commercial arts. In 1926, the adventurous young artist stowed away on a ship bound for Argentina. While the ship was docked in Virginia, de Kooning slipped off, skirted immigration, and made his way to New Jersey—and so began the rest of his life.

CSS Logical Properties

CSS Logical Properties

Use start/end properties that depend on LTR or RTL writing direction instead of left/right



Data from caniuse.com | Embed from caniuse.bitsofco.de

Global: 5.51% + 83.71% = 89.22%

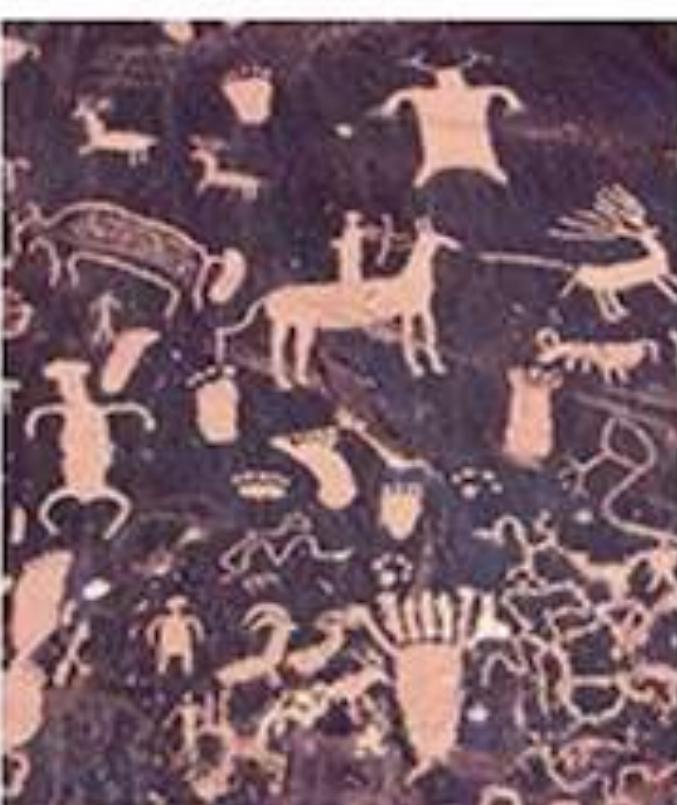


文字的故事

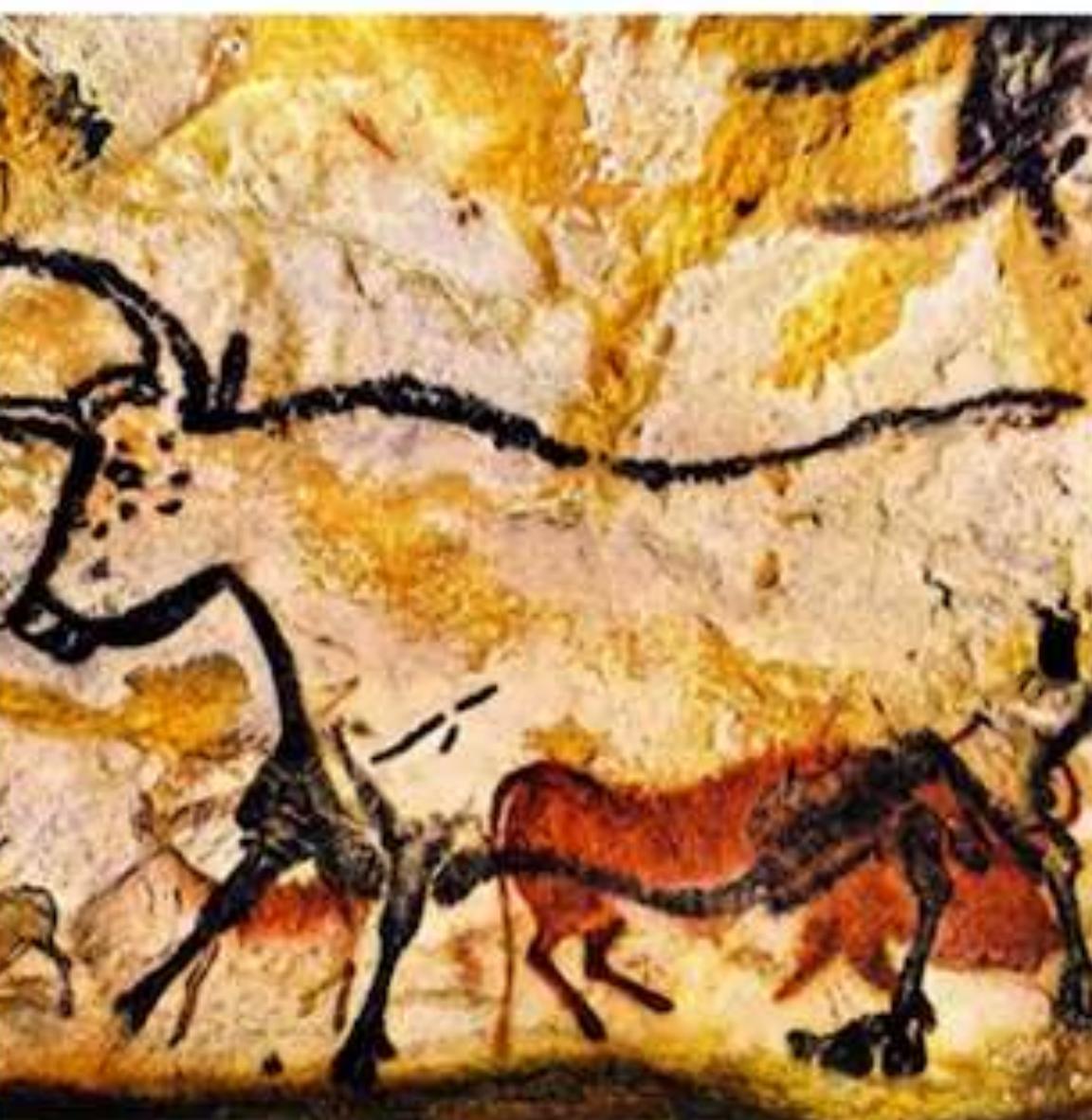
記錄：演變 05/20/2014

人類和其他生物物種總是在以自己獨特的方式和語言給大自然和自己的生命歷程留一些印跡。當遠古時期的獵人根據熊掌印開始追蹤的時候，那便是最早的「視覺交與傳播」（Visual Communication）的開始。

最早視覺傳達方式基本都是利用圖形進行的。這是北美印地安在史前的岩洞壁畫



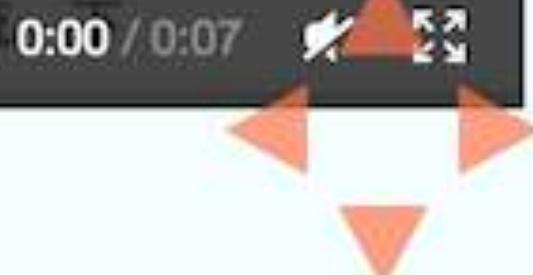
法國發現的拉斯考克岩洞中，古代人類的原始繪畫，大約西元前一萬——萬五千年



古代中亞文明的黑石鵝形，是由烏爾王奉獻給南那神的供品，公元前3000年左右



竖排

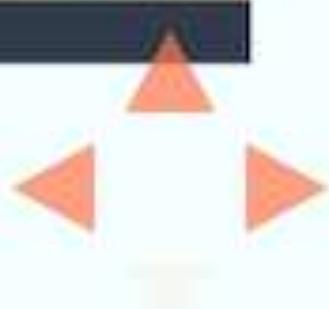


0:00 / 0:07

@hj_chen

Penang Hokkien website

About page



为什么呢？因为我想把所有跟
槟城福建话有关的资料收集在
这里。如果你觉得我是吃饱没
事做，其实这是有理由的。

几个月前，我在面子书看了一
个TEDx仄厂街的视频，名称如

果福建话失传了，我们失去
什麼？演讲者是黄啟灏，而他

尽然是用粤语来演讲。但是这
个演讲让我更加赏识槟城福建

话。

槟城福建是我的母语。我记
得小时候跟妈妈一起阅读英文
书，记得阿嬷教我写中文字，
但是我觉得自己一出生就已经
会说福建话了。念书时，在学
校能够用福建话沟通的同学少
之又少，算起来也只有一位。
即使我们俩说的都是福建话，
但是腔调跟词汇都显然有差
别，因为她说的是新加坡福建
话。

我跟家人离开槟城已经有二十
多年了，所以我只有在家中有
机会听到槟城福建话，或则就
是一年一度回乡的那几天而已。
虽然偶尔会有闽南语的电
视节目，但是我从来没听过槟
城福建话的广播。

Hear the Penang Hokkien audio version:

© 2016 - 2017. Words, design and code, Chen Hui Jing.

Have a story? **Send it in!**

此端裡建的故鄉

PGHK stories



Bookshelf-style design with vertical text





Capabilities

Partners

Blog

Contact

Cognition

the Wismut Labs engineering blog

posted on Apr 24, 2017

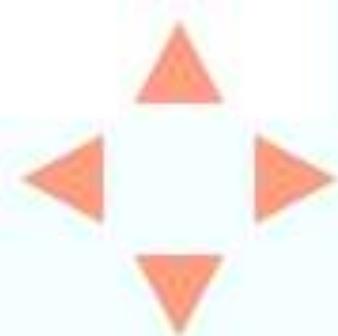
Building for cross-browser compatibility

Front-end

This is the third post of a multi-part series about developing the brand identity for Wismut Labs.

The [previous post](#) covered a number of design decisions made with regards to the overall style of the Wismut Labs brand. This post will focus on the actual building of the Wismut Labs website.

Vertical blog tags





Home

This is a website dedicated to Penang Hokkien, the language of my hometown. I talk about the inspiration for the content of this site in the [inaugural story post](#). But I am also a web developer, and so this site also serves as my CSS playground for experimenting with the concept of mixed writing-modes. If that sentence made sense to you, [technical details here](#).

English

中文

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Responsive vertical to horizontal layout



Without roots.
Everywhere.



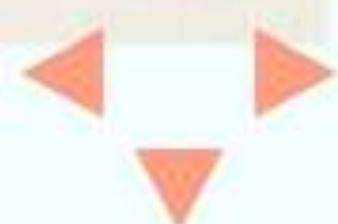
Vertical mobile navigation



19 bugs found.

ID	Product	Comp	Assignee	Status	Resolution	Summary	Changed
1263934	Core	Layout	martijn.martijn@gmail.com	NEW	---	Marquee doesn't work well in vertical writing-mode css	2016-04-12
1189131	Core	Layout	nobody@mozilla.org	NEW	---	flex align-items center displaces text when writing-mode is vertical-rl	2017-07-20
1223180	Core	Layout	nobody@mozilla.org	NEW	---	Flex + vertical writing-mode: flex items / text disappear	2017-08-16
1231656	Core	Layout	nobody@mozilla.org	NEW	---	text-align and vertical-align don't work as expected on table cells that are orthogonal to row (writing-mode)	2017-04-18
1234701	Core	Layout	nobody@mozilla.org	NEW	---	Various crashes with CSS "writing-mode: vertical-lr" and float	Fri 08:03
1242660	Core	Layout	nobody@mozilla.org	NEW	---	[css-writing-modes] Fragmentation issues with vertical writing-mode	2017-08-07
1260054	Core	Layout	nobody@mozilla.org	NEW	---	Text and the scroll bar are not displayed with writing-mode: vertical-rl	2016-10-23
1269152	Core	Layout	nobody@mozilla.org	NEW	---	orthogonal multi-column with a vertical writing-mode computes height to fill page rather than wrap contents	2016-05-01
1276735	Core	Layout	nobody@mozilla.org	NEW	---	[css-flexbox][css-writing-modes] display:inline-flex with vertical item is growing on each reflow	2017-08-04
1318825	Core	Layout	nobody@mozilla.org	NEW	---	[css-flexbox] Vertical-writing-mode flex item in horizontal flex container has wrong width	2016-11-25
1282940	Core	Layout	nobody@mozilla.org	NEW	---	Flex item with indefinite flex-basis produces weird overflow inside column container with vertical writing-mode	Tue 14:42
1329261	Core	Layout	nobody@mozilla.org	NEW	---	All auto margins resolve to 0, on elements with vertical writing-mode (in a horizontal writing-mode parent)	2017-07-17
1349163	Core	Layout	nobody@mozilla.org	NEW	---	[css-flexbox] In Firefox flex item with writing-mode:vertical-rl stretches, not in Chrome	2017-07-17
1322623	Core	Layout	nobody@mozilla.org	NEW	---	Intermittent writing-mode/tables/vertical-table-specified-width-2-ref.html assertion count 2 is more than expected 1 assertions from ASSERTION: FinishReflowChild with unconstrained container width: 'aContainerSize.width != NS_UNCONSTRAINEDSIZE'	2017-09-24
1403811	Core	Layout	nobody@mozilla.org	NEW	---	Intermittent [u'writing-mode/tables/vertical-table-specified-width-2.html', u'==', u'writing-mode/tables/vertical-table-specified-width-2-ref.html'] assertion count 2 is more than expected 1 assertions	2017-10-15
1404937	Core	Layout	nobody@mozilla.org	NEW	---	Intermittent writing-mode/1117210-1-vertical-baseline-snap.html == writing-mode/1117210-1-vertical-baseline-snap-ref.html image comparison, max difference: 255, number of differing pixels: 32194	2017-10-15
1404957	Core	Layout	nobody@mozilla.org	NEW	---	Intermittent [u'writing-mode/tables/vertical-table-specified-width-2.html', u'==', u'writing-mode/tables/vertical-table-specified-width-2.html'] assertion count 3 is more than expected 2 assertions, FinishReflowChild with unconstrained container width!	2017-10-08
1405437	Core	Layout	nobody@mozilla.org	NEW	---	Intermittent writing-mode/1115916-1-vertical-metrics.html == 1115916-1-vertical-metrics-ref.html image comparison, max difference: 255, number of differing pixels: 1092	2017-10-15
1408037	Core	Layout	nobody@mozilla.org	NEW	---	Intermittent (u'writing-mode/tables/vertical-table-specified-width-2.html', u'==', u'writing-mode/tables/vertical-table-specified-width-2-ref.html') assertion count 2 is more than expected 1 assertions	2017-10-15

19 bugs found.



Bugs, bugs, bugs

Bugzilla@Mozilla

mozilla

Home New Browse Search Search [help] Reports My Dashboard Product Dashboard

Choose query: You Are CC'd On

You Are CC'd On
You are in the CC list of the bug, so you are watching it.
+ bugs found | Refresh | Buglist

Bug	Updated	Status	Summary
1181227	14 hours ago	ASSIGNED	[meta] CSS Grid Inspector
1296209	3 days ago	NEW	Support calc() in CSS properties that take <integer> values
1339572	9 days ago	NEW	[css-grid] grid-auto-columns/rows should accept multiple track-size values
1329261	4 months ago	NEW	All auto margins resolve to 0, on elements with vertical writing-mode (in a horizontal writing-mode parent)

Name New Browse Search Reports My Dashboard Product Dashboard

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Bugzilla@Mozilla

bugs Project: chromium ▾ Issues People Development process History [Add issue](#) [Profile](#) [Sign out](#)

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Note: Color blocks (like █ or █) mean that a user may not be available. Tooltip shows the reason.

★ Issue 501071

Started by 67 users

Project Manager: Reported by [battler@chromium.org](#), Jun 16 2015 Back to list

Status: Assigned Owner: [battler@chromium.org](#)
 Cc: [battler@chromium.org](#) [behade@chromium.org](#) [bezun@chromium.org](#) [n...@chromium.org](#) [mehdi@chromium.org](#) [e...@chromium.org](#) [drotl@chromium.org](#)

Version: Google Chrome 45.0.2429.0 <- ChromeOS on Chromebook Pixel (1st-gen)
 Google Chrome 44.0.2403.41 <- Android on Motorola Nexus 6
 OS: ChromeOS, Android

What steps will reproduce the problem?
 1. Open a new tab
 2. Navigate to

```
data:text/html;charset=utf-8,<title>disappearing emoji</title><meta name="viewport" content="width=device-width,initial-scale=1" /><body onload="setInterval(function(){document.body.style.zoom=1/devicePixelRatio},1e3)">256dpx<span style="font-family:sans-serif;font-size:256px" title="UNF0%F%BC%9FX%F%9C%4D">8&F0%F%BC%9F%F0%9F%9C%4D</span><br />257dpix<span style="font-family:sans-serif;font-size:257px" title="UNF0%9F%BC%9F%F0%9F%9C%4D">8NF0%9F%BC%9F%F0%9F%9C%4D</span>
```

What is the expected output? What do you see instead?
 Expected: number "8" and color emoji (8

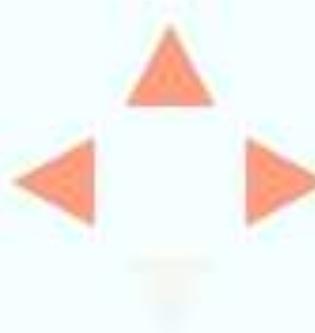
Screenshot 2015-06-16 at 13.37.52.png
 96.1 KB View Download

Add to backlog

Add a comment below



Chromium Bugs



A long list of references

- Consumer barriers to mobile internet adoption in Asia
- The Relationship between Local Content, Internet Development and Access Prices
- Usage of content languages for websites
- The faces of Microsoft
- No @font-face Syntax will ever be Bulletproof, Nor Should It Be.
- 字体漫谈
- Source Han Serif / Noto Serif CJK History & Development
- Chinese Fonts & Related Issues
- Zhang, X. & Han, Q. (2009). *The history of Chinese printing: (illustrated)*. Paramus, N.J: Homa et Sekey Books.
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FONT PLUS
廣葉堂採用サイト
CHAKA INC.

縦書きがポイントに上手く活かされ、和の雰囲気とフォントがマッチしています。図賞のFONTPLUSを利用していただけたうれしいです。ファーストビューに表示されるコピーも、Webフォントで実装して頂けるとなお良いと思います。



<http://tategaki.github.io/awards/>



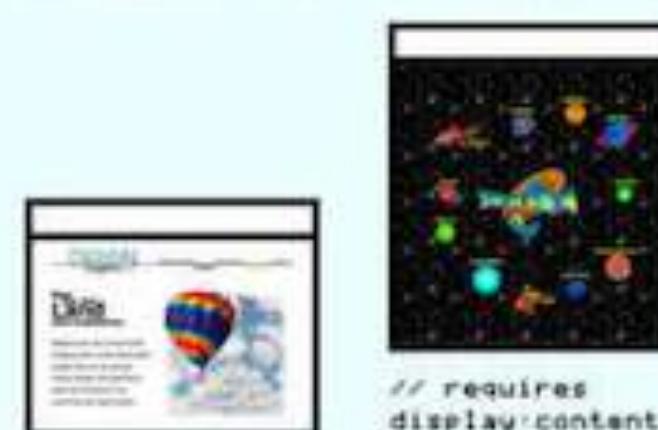
縦書きと横書きの組合せで和を感じさせ、まとまった印象を受けます。画面幅に応じて縦組・横組切り替わる部分も面白いです。下層で縦書きが使われていないため、世界観が分断されてしまっているように見えるのが残念です。



Study of Writing Modes



Return of the 1990s



Other Experiments



<http://labs.jensimmons.com/>



תודה!

<http://www.chenhuijing.com>



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