

# MOBILE MATRICES

## Mobile Matrices

This is an attempt to compile a list of relevant specifications for all modern smart phones and mobile internet devices. It is primarily for a quick reference sheet when trying to target a specific platform with [CSS media queries](#).

### Apple:

Model	Operating System	Browser	Screen Size	Screen Resolution	Screen Density
iPhone (Original, 3G, 3GS)	iOS 1.0 - 4.2.1	Mobile Safari	3.5" (8.9 cm)	320 × 480 px	162ppi
iPhone 4	iOS 4.0 - 4.2.1	Mobile Safari	3.5" (8.9 cm)	640 × 960 px	326ppi
iPad	iOS 4.0 - 4.2.1	Mobile Safari	9.7" (25 cm)	1024 × 768 px	132ppi

### HTC:

Model	Operating System	Browser	Screen Size (Diagonal)	Screen Resolution	Screen Density
Google Nexus One	Android 2.1-2.2.1	-	3.7" (9.4 cm)	480 × 800 px	252ppi
HTC Dream	Android 1.0-1.6	-	3.2" (8.1 cm)	320 × 480 px	181ppi
HTC Magic	Android 1.6-2.2.1	-	3.2" (8.1 cm)	320 × 480 px	181ppi
HTC Hero	Android 1.5-2.1	-	3.2" (8.1 cm)	320 × 480 px	181ppi

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HTC Wildfire	Android 2.1	-	3.2" (8.1 cm)	240 × 320 px	125ppi
HTC Touch (Diamond, Pro)	Windows Mobile 6.1	-	2.8" (7.1 cm)	480 × 640 px	286ppi
HTC Touch HD	Windows Mobile 6.1	-	3.8" (9.7 cm)	480 × 800 px	202ppi
HTC Touch Diamond2	Windows Mobile 6.5	IE Mobile 6	3.2" (8.1 cm)	480 × 800 px	292ppi
HTC Touch Pro2	Windows Mobile 6.5	IE Mobile 6	3.6" (9.1 cm)	480 × 800 px	259ppi
HTC Tattoo	Android 1.6	-	2.8" (7.1 cm)	240 × 320 px	143ppi
HTC Touch2	Windows Mobile 6.5	IE Mobile 6	2.8" (7.1 cm)	240 × 320 px	143ppi
HTC Wizard	Windows Mobile 5.0	-	2.8" (7.1 cm)	240 × 320 px	143ppi
HTC HD2	Windows Mobile 6.5	IE Mobile 6	4.3" (10.9cm)	480 × 800 px	217ppi
HTCEVO	Android 2.2	-	4.3" (10.9cm)	480 × 800 px	217ppi
HTCEVO Shift 4G	Android 2.2-2.3.3	-	3.6" (9.1 cm)	480 × 800 px	259ppi
HTC Desire	Android 2.1-2.2	-	3.7" (9.4 cm)	480 × 800 px	252ppi
HTC Desire HD	Android 2.2-2.3.3	-	4.3" (10.9 cm)	480 × 800 px	218ppi
Droid Incredible	Android 2.1-2.2	-	3.7" (9.4 cm)	480 × 800 px	252ppi

**Motorola:**

Model	Operating System	Browser	Screen Size	Screen Resolution	Screen Density
Droid	Android	Webkit-based	3.7" (9.4 cm)	854 × 480 px	265 ppi

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Droid X	Android	Webkit-based	4.3" (10.9cm)	854 × 480 px	228 dpi
Xoom	Android	Webkit-based	10.1" (26cm)	1280 × 800 px	150ppi

**Samsung:**

Model	Operating System	Browser	Screen Size	Screen Resolution	Screen Density
Google Nexus S	Android 2.3.4-2.3.5	-	4.0" (10 cm)	480 × 800 px	233ppi
Galaxy S	Android 2.2.1-2.3.4	Webkit-based	4.0 in (10.2 cm)	800 × 480 px	233 ppi
Galaxy S II	Android 2.3.3	Chrome (V8 JavaScript engine)	4.27 in (10.8 cm)	800 × 480 px	218 ppi

**Palm:**

Model	Operating System	Browser	Screen Size	Screen Resolution	Screen Density
Pre 2	WebOS 2.0	Webkit-based	3.1" (7.9 cm)	320 × 480 px	186ppi

**RIM BlackBerry:**

Model	Operating System	Browser	Screen Size	Screen Resolution	Screen Density
Curve (8900)	BlackBerry OS	Proprietary	2.44" (6.2 cm)	480 × 360 px	246ppi
Tour (9630)	BlackBerry OS	Proprietary	2.44" (6.2 cm)	480 × 360 px	246ppi
Bold (9650, 9700 , 9780)	BlackBerry OS	Proprietary	2.44" (6.2 cm)	480 × 360 px	246ppi

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PlayBook	BlackBerry OS	Webkit	7" (17.78 cm)	1024 × 600 px	169.3ppi
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#### Nokia:

Model	Operating System	Browser	Screen Size	Screen Resolution	Screen Density
N900	Maemo	MicroB (Gecko based)	3.5" (8.89 cm)	480 × 800 px	267ppi
E72	Symbian OS v9.3	NokiaBrowser 7.3.1.26	2.36" (5.99 cm)	320 × 240 px	-

#### Kindle:

Model	Operating System	Browser	Screen Size	Screen Resolution	Screen Density	Color Depth
Kindle 3	Linux	WebKit	6" (15.24 cm)	600 × 800 px	167ppi	16-level grey scale

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