Converting Colors

RGB(140, 176, 200)

Have a look what the booklet for RGB(140, 176, 200) contains.

Color

RGB(140, 176, 200)

Conversions

Conversions Part 1

Format	Color
Hex	8CB0C8
RGB	140, 176, 200
RGB Percent	55%, 69%, 78%
CMY	0.4510, 0.3098, 0.2157
CMYK	0.30, 0.12, 0.00, 0.22
HSL	204°, 35%, 67%
HSV	204°, 30%, 78%
XYZ	36.7659, 40.7962, 60.5803
YIQ	167.9720, -29.1600, -0.1680

Conversions

Conversions Part 2

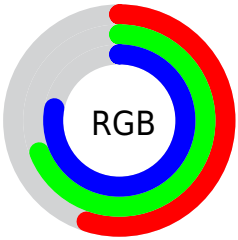
Format	Color
RYB	140, 163, 200
Decimal	9220296
CIELab	70.03, -6.52, -16.16
CIELCh	70, 17.429, 248.029
Yxy	40.7962, 0.2661, 0.2953
Android (android.graphics.Color)	4287410376 (0xFF8CB0C8)
YUV	167.9720, 15.7898, -24.5314
Hunter-Lab	63.8719, -9.0280, -11.5241

Details

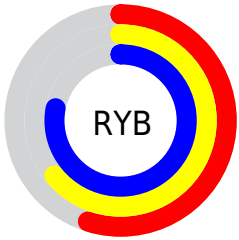
The RGB color 140, 176, 200 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 200, 164, 140, and the grayscale version is 168, 168, 168.

A 20% lighter version of the original color is 195, 232, 255, and 88, 124, 146 is the 20% darker color. If you saturate the color by 10%, you get 120, 168, 200, and if you desaturate by 10%, it is 160, 184, 200.

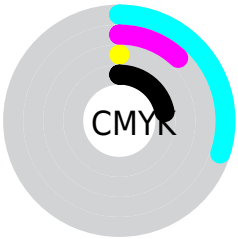
Distribution



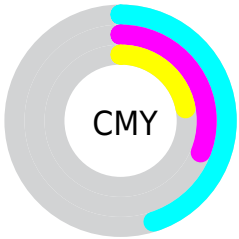
- Red (55%)
- Green (69%)
- Blue (78%)



- Red (55%)
- Yellow (64%)
- Blue (78%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (45%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 176, 200 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 140, 176, 200 by changing the saturation by 10% instead.

140, 176, 200	140, 176, 200
255, 255, 255	114, 149, 173
195, 232, 255	88, 124, 146
223, 255, 255	63, 99, 120
252, 255, 255	37, 75, 95
	8, 52, 72
	0, 31, 49
	0, 2, 29
	0, 0, 0

140, 176, 200	140, 176, 200

120, 168, 200

100, 160, 200

80, 152, 200

60, 144, 200

40, 136, 200

20, 128, 200

0, 120, 200

160, 184, 200

180, 192, 200

200, 200, 200

220, 208, 200

240, 216, 200

255, 224, 200

255, 232, 200

255, 240, 200

255, 248, 200

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

130, 179, 190

140, 176, 200

159, 171, 202

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

140, 176, 200

204, 160, 167

161, 176, 146

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

140, 176, 200

200, 164, 140

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

179, 171, 140

140, 176, 200

203, 162, 152

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

140, 176, 200

196, 162, 183

194, 166, 142

144, 179, 159

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

140, 176, 200

173, 167, 199

194, 166, 142

167, 175, 143

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

140, 176, 200

232, 246, 255

140, 200, 164

113, 122, 128

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

140, 176, 200

163, 218, 255

140, 146, 200

90, 95, 99

0, 98, 163

0, 21, 36

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

200, 140, 176

255, 163, 218

200, 194, 140

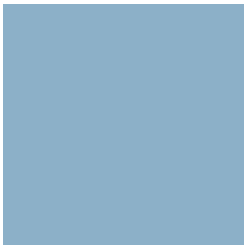
99, 90, 95

163, 0, 98

36, 0, 21

Previews

White Background

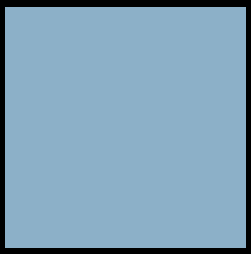


This preview shows how the RGB color 140, 176, 200 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



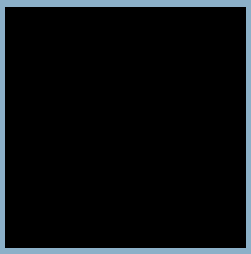
This preview shows how the RGB color 140, 176, 200 looks on a black background.

Color Contrast Check

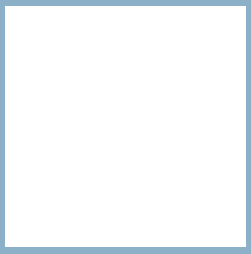
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 140, 176, 200 Background



This preview shows how black text looks on a background with the RGB color 140, 176, 200.

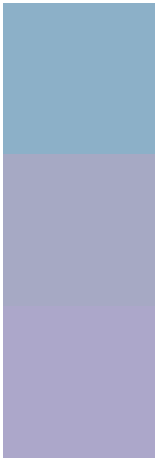


This preview shows how white text looks on a background with the RGB color 140, 176, 200.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy



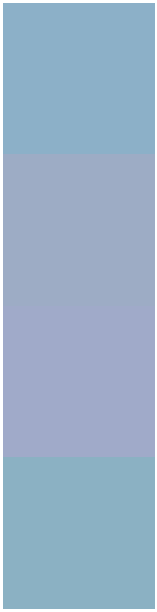
Original Color
140, 176, 200

Protanopia
166, 169, 196

Deuteranopia
172, 167, 202

Tritanopia
138, 177, 192

Trichromacy



Original Color
140, 176, 200

Protanomaly
157, 172, 197

Deuteranomaly
160, 170, 201

Tritanomaly
139, 177, 195

Monochromacy

Original Color
140, 176, 200

Achromatopsia
168, 168, 168

Achromatomaly
158, 171, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 176, 200 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(140, 176, 200) looks like.

```
.text, #text, p{
    color:rgb(140, 176, 200)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(140, 176, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 176, 200) }
```

Border

The CSS property to change the border of an element to RGB 140, 176, 200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(140, 176, 200) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(140, 176, 200) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(140, 176, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 176, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 176, 200); box-shadow:4px 4px 4px 4px rgb(140, 176, 200) }
```

Background

The CSS property to change the background color of an element to RGB 140, 176, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(140, 176, 200) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(140,
176, 200) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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