Converting Colors

RGB(125, 200, 203)

Have a look what the booklet for RGB(125, 200, 203) contains.

Color

RGB(125, 200, 203)

Conversions

Conversions Part 1

Format	Color
Hex	7DC8CB
RGB	125, 200, 203
RGB Percent	49%, 78%, 80%
CMY	0.5098, 0.2157, 0.2039
CMYK	0.38, 0.01, 0.00, 0.20
HSL	182°, 43%, 64%
HSV	182°, 38%, 80%
XYZ	39.8912, 49.9803, 64.0446
YIQ	177.9170, -45.6630, -14.9670

Conversions

Conversions Part 2

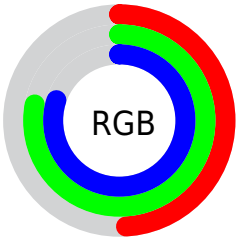
Format	Color
RYB	125, 163, 203
Decimal	8243403
CIELab	76.06, -22.44, -8.85
CIELCh	76, 24.127, 201.529
Yxy	49.9803, 0.2592, 0.3247
Android (android.graphics.Color)	4286433483 (0xFF7DC8CB)
YUV	177.9170, 12.3659, -46.4082
Hunter-Lab	70.6968, -22.9993, -4.2234

Details

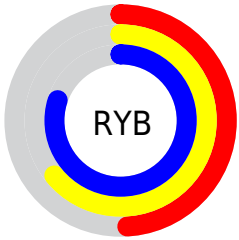
The RGB color 125, 200, 203 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 203, 128, 125, and the grayscale version is 178, 178, 178.

A 20% lighter version of the original color is 181, 255, 255, and 70, 146, 149 is the 20% darker color. If you saturate the color by 10%, you get 105, 199, 203, and if you desaturate by 10%, it is 145, 201, 203.

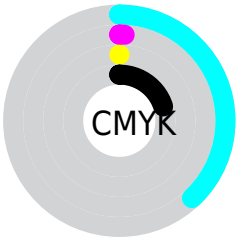
Distribution



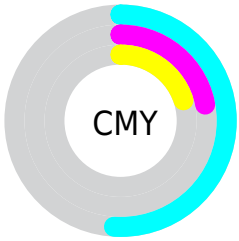
- Red (49%)
- Green (78%)
- Blue (80%)



- Red (49%)
- Yellow (64%)
- Blue (80%)



- Cyan (38%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 125, 200, 203 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 125, 200, 203 by changing the saturation by 10% instead.

125, 200, 203

255, 255, 255

181, 255, 255

210, 255, 255

239, 255, 255

125, 200, 203

98, 173, 176

70, 146, 149

41, 120, 123

0, 95, 98

0, 71, 75

0, 48, 52

0, 29, 31

0, 0, 5

0, 0, 0

125, 200, 203

105, 199, 203

84, 198, 203

64, 198, 203

44, 197, 203

24, 196, 203

3, 195, 203

0, 195, 203

125, 200, 203

145, 201, 203

166, 202, 203

186, 202, 203

206, 203, 203

227, 204, 203

247, 205, 203

255, 205, 203

255, 206, 203

255, 207, 203

Harmonies

Analogous

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

139, 200, 180

125, 200, 203

130, 197, 222

Triad

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

125, 200, 203

210, 177, 215

210, 184, 144

Complementary

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

125, 200, 203

203, 128, 125

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.

227, 177, 154

125, 200, 203

228, 172, 195

Square

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

125, 200, 203

183, 184, 229

234, 172, 172

187, 191, 146

Rectangle

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

125, 200, 203

144, 194, 229

234, 172, 172

217, 181, 146

Sweetspot

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

125, 200, 203

224, 254, 255

125, 203, 128

110, 127, 128

0, 0, 0

128, 128, 128

Same Dimension

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

125, 200, 203

138, 250, 255

125, 161, 203

92, 102, 102

0, 159, 166

0, 37, 38

Inverse Universe

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

203, 125, 200

255, 138, 250

203, 167, 125

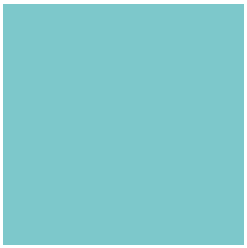
102, 92, 102

166, 0, 159

38, 0, 37

Previews

White Background

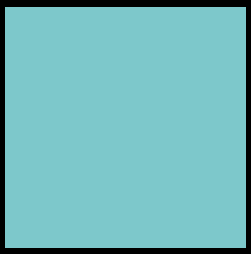


This preview shows how the RGB color 125, 200, 203 looks on a white background.

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



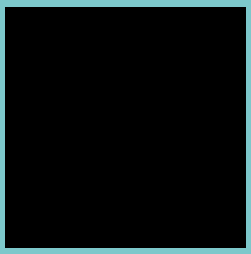
This preview shows how the RGB color 125, 200, 203 looks on a black background.

Color Contrast Check

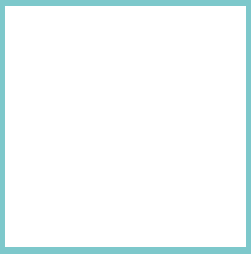
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 125, 200, 203 Background



This preview shows how black text looks on a background with the RGB color 125, 200, 203.



This preview shows how white text looks on a background with the RGB color 125, 200, 203.

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

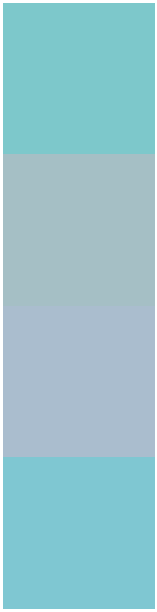
Original Color
125, 200, 203

Protanopia
188, 186, 194

Deuteranopia
195, 182, 207

Tritanopia
128, 198, 214

Trichromacy



Original Color
125, 200, 203

Protanomaly
165, 191, 197

Deuteranomaly
170, 189, 206

Tritanomaly
127, 199, 210

Monochromacy

Original Color
125, 200, 203

Achromatopsia
178, 178, 178

Achromatomaly
159, 186, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 200, 203 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(125, 200, 203) looks like.

```
.text, #text, p{
    color:rgb(125, 200, 203)
}
```

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(125, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 200, 203) }
```

Border

The CSS property to change the border of an element to RGB 125, 200, 203 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(125, 200, 203) }
```

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

```
.border{ border-color:rgb(125, 200, 203) }
```

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

Here you see how a box with a 4 pixel rgb(125, 200, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 200, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 200, 203); box-shadow:4px 4px 4px 4px rgb(125, 200, 203) }
```

Background

The CSS property to change the background color of an element to RGB 125, 200, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(125, 200, 203) }
```

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

```
.background{ background-color:rgb(125,
200, 203) }
```

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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