Converting Colors

RGB(103, 199, 209)

Have a look what the booklet for RGB(103, 199, 209) contains.

Color

RGB(103, 199, 209)

Conversions

Conversions Part 1

Format	Color
Hex	67C7D1
RGB	103, 199, 209
RGB Percent	40%, 78%, 82%
CMY	0.5961, 0.2196, 0.1804
CMYK	0.51, 0.05, 0.00, 0.18
HSL	186°, 54%, 61%
HSV	186°, 51%, 82%
XYZ	37.5256, 48.3339, 67.6732
YIQ	171.4360, -60.4260, -17.2420

Conversions

Conversions Part 2

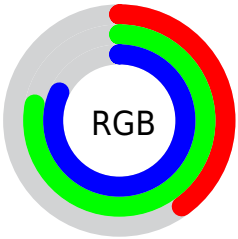
Format	Color
RYB	103, 153, 209
Decimal	6801361
CIELab	75.04, -25.59, -13.72
CIELCh	75, 29.037, 208.204
Yxy	48.3339, 0.2444, 0.3148
Android (android.graphics.Color)	4284991441 (0xFF67C7D1)
YUV	171.4360, 18.5191, -60.0184
Hunter-Lab	69.5226, -25.3171, -9.0470

Details

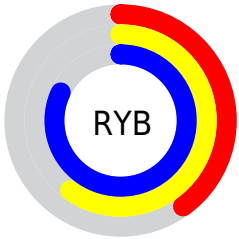
The RGB color 103, 199, 209 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 209, 113, 103, and the grayscale version is 171, 171, 171.

A 20% lighter version of the original color is 161, 255, 255, and 39, 145, 155 is the 20% darker color. If you saturate the color by 10%, you get 82, 197, 209, and if you desaturate by 10%, it is 124, 201, 209.

Distribution

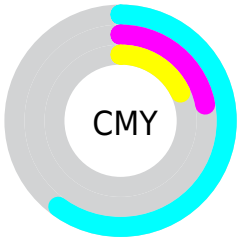


- Red (40%)
- Green (78%)
- Blue (82%)



- Red (40%)
- Yellow (60%)
- Blue (82%)

- Cyan (51%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (60%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 199, 209 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 103, 199, 209 by changing the saturation by 10% instead.

103, 199, 209

255, 255, 255

161, 255, 255

190, 255, 255

220, 255, 255

250, 255, 255

103, 199, 209

73, 172, 181

39, 145, 155

0, 119, 129

0, 94, 104

0, 70, 79

0, 47, 57

0, 27, 35

0, 0, 12

0, 0, 0

103, 199, 209	103, 199, 209
82, 197, 209	124, 201, 209
61, 195, 209	145, 203, 209
40, 193, 209	166, 205, 209
19, 191, 209	187, 207, 209
0, 189, 209	208, 209, 209
	228, 211, 209
	249, 213, 209
	255, 215, 209
	255, 217, 209

Harmonies

Analogous

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

118, 200, 182

103, 199, 209

115, 195, 229

Triad

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

103, 199, 209

218, 170, 213

206, 182, 131

Complementary

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

103, 199, 209

209, 113, 103

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, 173, 140

103, 199, 209

235, 165, 187

Square

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

103, 199, 209

187, 178, 232

238, 167, 161

177, 191, 137

Rectangle

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

103, 199, 209

136, 190, 236

238, 167, 161

214, 179, 133

Sweetspot

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

103, 199, 209

217, 251, 255

103, 209, 112

105, 125, 128

0, 0, 0

128, 128, 128

Same Dimension

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

103, 199, 209

99, 240, 255

103, 147, 209

94, 104, 105

0, 152, 168

0, 37, 41

Inverse Universe

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

209, 103, 199

255, 99, 240

209, 165, 103

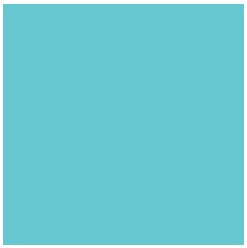
105, 94, 104

168, 0, 152

41, 0, 37

Previews

White Background

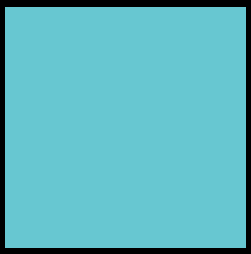


This preview shows how the RGB color 103, 199, 209 looks on a white background.

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



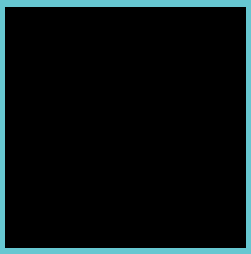
This preview shows how the RGB color 103, 199, 209 looks on a black background.

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 103, 199, 209 Background



This preview shows how black text looks on a background with the RGB color 103, 199, 209.

This preview shows how white text looks on a background with the RGB color 103, 199, 209.

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

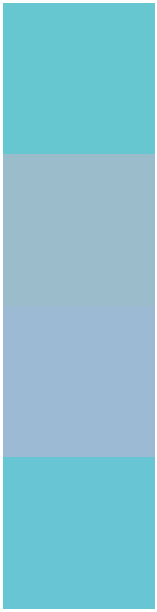
Original Color
103, 199, 209

Protanopia
183, 182, 199

Deuteranopia
187, 179, 213

Tritanopia
105, 198, 214

Trichromacy



Original Color
103, 199, 209

Protanomaly
154, 188, 203

Deuteranomaly
156, 186, 212

Tritanomaly
104, 198, 212

Monochromacy

Original Color
103, 199, 209

Achromatopsia
171, 171, 171

Achromatomaly
146, 181, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 199, 209 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(103, 199, 209) looks like.

```
.text, #text, p{
    color:rgb(103, 199, 209)
}
```

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(103, 199, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 199, 209) }
```

Border

The CSS property to change the border of an element to RGB 103, 199, 209 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(103, 199, 209) }
```

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

```
.border{ border-color:rgb(103, 199, 209) }
```

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

Here you see how a box with a 4 pixel rgb(103, 199, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 199, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 199, 209); box-shadow:4px 4px 4px 4px rgb(103, 199, 209) }
```

Background

The CSS property to change the background color of an element to RGB 103, 199, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(103, 199, 209) }
```

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

```
.background{ background-color:rgb(103,
199, 209) }
```

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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