Converting Colors

RGB(165, 204, 217)

Have a look what the booklet for RGB(165, 204, 217) contains.

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Color

RGB(165, 204, 217)

Conversions

Conversions Part 1

Format	Color
Hex	A5CCD9
RGB	165, 204, 217
RGB Percent	65%, 80%, 85%
CMY	0.3529, 0.2000, 0.1490
CMYK	0.24, 0.06, 0.00, 0.15
HSL	195°, 41%, 75%
HSV	195°, 24%, 85%
XYZ	49.6343, 56.1948, 73.8763
YIQ	193.8210, -27.4170, -4.2250

Conversions

Conversions Part 2

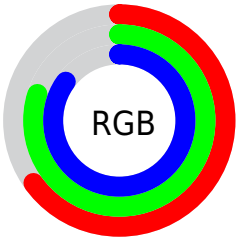
Format	Color
RYB	165, 187, 217
Decimal	10865881
CIELab	79.72, -9.97, -10.70
CIELCh	80, 14.622, 227.039
Yxy	56.1948, 0.2762, 0.3127
Android (android.graphics.Color)	4289055961 (0xFFA5CCD9)
YUV	193.8210, 11.4272, -25.2760
Hunter-Lab	74.9632, -12.9980, -5.9561

Details

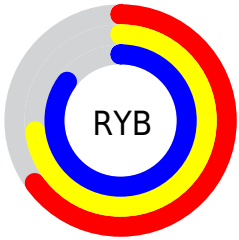
The RGB color 165, 204, 217 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 217, 178, 165, and the grayscale version is 194, 194, 194.

A 20% lighter version of the original color is 221, 255, 255, and 112, 150, 162 is the 20% darker color. If you saturate the color by 10%, you get 143, 199, 217, and if you desaturate by 10%, it is 187, 209, 217.

Distribution

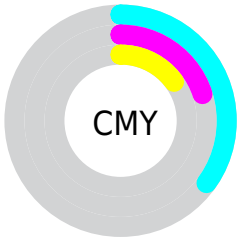


- Red (65%)
- Green (80%)
- Blue (85%)



- Red (65%)
- Yellow (73%)
- Blue (85%)

- Cyan (24%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (35%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 204, 217 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 165, 204, 217 by changing the saturation by 10% instead.

165, 204, 217	165, 204, 217
255, 255, 255	138, 177, 189
221, 255, 255	112, 150, 162
250, 255, 255	86, 124, 136
	62, 99, 111
	37, 75, 86
	10, 52, 63
	0, 31, 41
	0, 1, 21
	0, 0, 0

165, 204, 217	165, 204, 217
143, 199, 217	187, 209, 217
122, 193, 217	208, 215, 217
100, 188, 217	230, 220, 217
78, 182, 217	252, 226, 217
57, 177, 217	255, 231, 217
35, 171, 217	255, 237, 217
13, 166, 217	255, 242, 217
0, 163, 217	255, 247, 217
	255, 253, 217

Harmonies

Analogous

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

163, 206, 205

165, 204, 217

176, 201, 224

Triad

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

165, 204, 217

222, 189, 204

200, 199, 172

Complementary

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

165, 204, 217

217, 178, 165

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.

214, 195, 171

165, 204, 217

227, 188, 190

Square

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

165, 204, 217

210, 192, 216

224, 191, 178

185, 203, 179

Rectangle

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

165, 204, 217

187, 198, 224

224, 191, 178

205, 198, 171

Sweetspot

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

165, 204, 217

237, 251, 255

165, 217, 178

117, 125, 128

0, 0, 0

128, 128, 128

Same Dimension

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

165, 204, 217

181, 237, 255

165, 178, 217

99, 107, 110

0, 130, 173

0, 34, 46

Inverse Universe

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

217, 165, 204

255, 181, 237

217, 204, 165

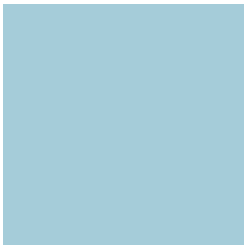
110, 99, 107

173, 0, 130

46, 0, 34

Previews

White Background

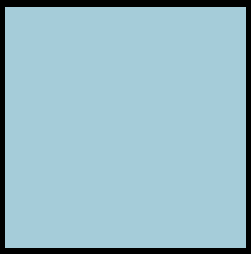


This preview shows how the RGB color 165, 204, 217 looks on a white background.

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



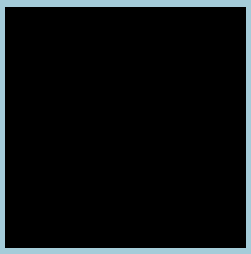
This preview shows how the RGB color 165, 204, 217 looks on a black background.

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 165, 204, 217 Background



This preview shows how black text looks on a background with the RGB color 165, 204, 217.

This preview shows how white text looks on a background with the RGB color 165, 204, 217.

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

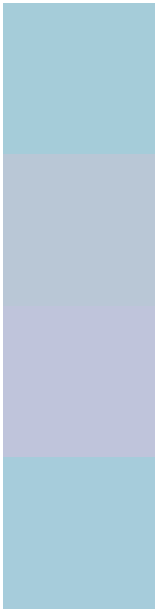
Original Color
165, 204, 217

Protanopia
196, 196, 212

Deuteranopia
206, 192, 220

Tritanopia
166, 204, 220

Trichromacy



Original Color
165, 204, 217

Protanomaly
185, 199, 214

Deuteranomaly
191, 196, 219

Tritanomaly
166, 204, 219

Monochromacy

Original Color
165, 204, 217

Achromatopsia
194, 194, 194

Achromatomaly
183, 198, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 204, 217 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(165, 204, 217) looks like.

```
.text, #text, p{
    color:rgb(165, 204, 217)
}
```

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(165, 204, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 204, 217) }
```

Border

The CSS property to change the border of an element to RGB 165, 204, 217 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(165, 204, 217) }
```

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

```
.border{ border-color:rgb(165, 204, 217) }
```

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

Here you see how a box with a 4 pixel rgb(165, 204, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 204, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 204, 217); box-shadow:4px 4px 4px 4px rgb(165, 204, 217) }
```

Background

The CSS property to change the background color of an element to RGB 165, 204, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(165, 204, 217) }
```

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

```
.background{ background-color:rgb(165,
204, 217) }
```

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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