

Converting Colors

RGB(176, 199, 237)

Have a look what the booklet for
RGB(176, 199, 237) contains.

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Color

RGB(176, 199, 237)

Conversions

Conversions Part 1

Format	Color
Hex	B0C7ED
RGB	176, 199, 237
RGB Percent	69%, 78%, 93%
CMY	0.3098, 0.2196, 0.0706
CMYK	0.26, 0.16, 0.00, 0.07
HSL	217°, 63%, 81%
HSV	217°, 26%, 93%
XYZ	53.6140, 56.1914, 88.1410
YIQ	196.4550, -25.9060, 6.9420

Conversions

Conversions Part 2

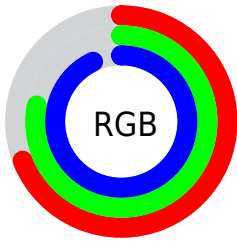
Format	Color
RYB	176, 193, 237
Decimal	11585517
CIELab	79.72, 0.53, -21.36
CIELCh	80, 21.363, 271.419
Yxy	56.1914, 0.2709, 0.2839
Android (android.graphics.Color)	4289775597 (0xFFB0C7ED)
YUV	196.4550, 19.9887, -17.9390
Hunter-Lab	74.9609, -3.5138, -17.2421

Details

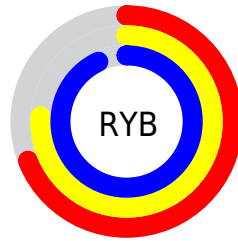
The RGB color **176, 199, 237** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **237, 214, 176**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **232, 255, 255**, and **122, 145, 181** is the 20% darker color. If you saturate the color by 10%, you get **152, 184, 237**, and if you desaturate by 10%, it is **200, 214, 237**.

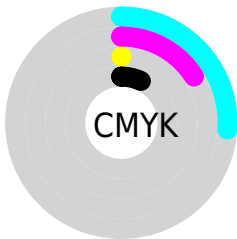
Distribution



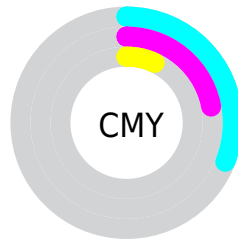
- Red (69%)
- Green (78%)
- Blue (93%)



- Red (69%)
- Yellow (76%)
- Blue (93%)



- Cyan (26%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (31%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 199, 237 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 176, 199, 237 by changing the saturation by 10% instead.

■ 176, 199, 237

255, 255, 255

■ 232, 255, 255

■ 176, 199, 237

■ 149, 172, 209

■ 122, 145, 181

■ 96, 120, 154

■ 71, 95, 128

■ 46, 71, 103

■ 21, 49, 79

■ 0, 28, 56

■ 0, 2, 34

■ 0, 0, 9

■ 176, 199, 237

■ 176, 199, 237

■ 152, 184, 237

■ 200, 214, 237

■ 129, 169, 237

■ 223, 229, 237

■ 105, 155, 237

■ 247, 243, 237

■ 81, 140, 237

■ 255, 255, 237

■ 58, 125, 237

■ 34, 110, 237

■ 10, 96, 237

■ 0, 89, 237

Harmonies

Analogous

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



153, 205, 232



176, 199, 237



202, 192, 232

Triad

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



176, 199, 237



239, 185, 178



168, 207, 178

Complementary

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



176, 199, 237



237, 214, 176

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.



190, 203, 163



176, 199, 237



229, 190, 163

Square

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



176, 199, 237



237, 184, 197



212, 197, 158



150, 209, 198

Rectangle

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



176, 199, 237



218, 188, 223



212, 197, 158



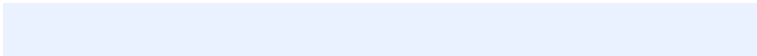
175, 206, 172

Sweetspot

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



176, 199, 237



235, 242, 255



176, 237, 214



115, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



176, 199, 237



176, 206, 255



183, 176, 237



106, 110, 117



0, 68, 181



0, 20, 54

Inverse Universe

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



237, 176, 199



255, 176, 206



230, 237, 176



117, 106, 110



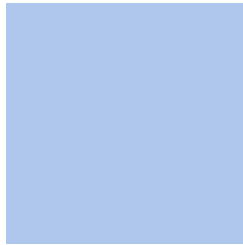
181, 0, 68



54, 0, 20

Previews

White Background



This preview shows how the RGB color 176, 199, 237 looks on a white background.

Color Contrast Check

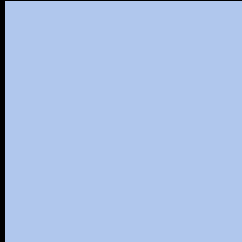
Large Text (above 18pt) WCAG AA × Fail

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 176, 199, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

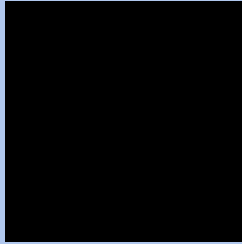
Any Text WCAG AA ✓ Pass

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 176, 199, 237 Background



This preview shows how black text looks on a background with the RGB color 176, 199, 237.



This preview shows how white text looks on a background with the RGB color 176, 199, 237.

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
176, 199, 237

Protanopia
189, 196, 235

Deuteranopia
196, 193, 238



Tritanopia
172, 202, 218

Trichromacy



Original Color
176, 199, 237

Protanomaly
184, 197, 236

Deuteranomaly
189, 195, 238

Tritanomaly
173, 201, 225

Monochromacy



Original Color
176, 199, 237

Achromatopsia
196, 196, 196

Achromatomaly
189, 197, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 199, 237 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(176, 199, 237)` looks like.

```
.text, #text, p{  
    color:rgb(176, 199, 237)  
}
```

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(176, 199, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 199, 237) }
```

Border

The CSS property to change the border of an element to RGB 176, 199, 237 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(176, 199, 237) }
```

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

```
.border{ border-color:rgb(176, 199, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 199, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 199, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 199, 237);  
box-shadow:4px 4px 4px 4px rgb(176, 199,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 176, 199, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 199, 237) }
```

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

```
.background{ background-color: rgb(176,  
199, 237) }
```

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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