

Converting Colors

`RYB(184, 199, 237)`

Have a look what the booklet for RYB(184, 199, 237) contains.

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Color

R_YB(184, 199, 237)

Conversions

Conversions Part 1

Format	Color
Hex	B8CDED
RGB	184, 205, 237
RGB Percent	72%, 80%, 93%
CMY	0.2784, 0.1964, 0.0706
CMYK	0.22, 0.14, 0.00, 0.07
HSL	216°, 60%, 83%
HSV	216°, 22%, 93%
XYZ	56.8657, 59.9297, 88.6912
YIQ	202.3690, -22.7880, 5.5000

Conversions

Conversions Part 2

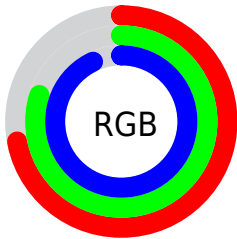
Format	Color
RYB	184, 199, 237
Decimal	12111341
CIELab	81.80, -0.24, -18.16
CIElCh	82, 18.164, 269.255
Yxy	59.9297, 0.2767, 0.2916
Android (android.graphics.Color)	4290301421 (0xFFB8CDED)
YUV	202.3690, 17.0731, -16.1096
Hunter-Lab	77.4142, -4.3554, -13.7368

Details

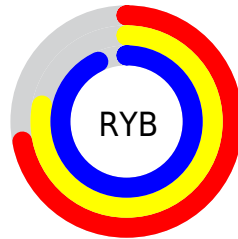
The RYB color **184, 199, 237** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **219, 237, 184**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **241, 248, 255**, and **130, 145, 181** is the 20% darker color. If you saturate the color by 10%, you get **160, 182, 237**, and if you desaturate by 10%, it is **208, 216, 237**.

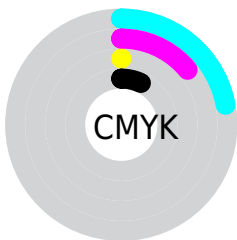
Distribution



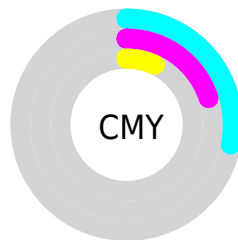
- Red (72%)
- Green (80%)
- Blue (93%)



- Red (72%)
- Yellow (78%)
- Blue (93%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (28%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 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 RYB color 184, 199, 237 by changing the saturation by 10% instead.

■ 184, 199, 237

255, 255, 255

■ 241, 248, 255

■ 184, 199, 237

■ 157, 171, 209

■ 130, 145, 181

■ 104, 119, 154

■ 79, 94, 128

■ 55, 70, 103

■ 31, 47, 79

■ 5, 23, 56

■ 0, 7, 35

■ 0, 0, 10

■ 184, 199, 237

■ 184, 199, 237

■ 160, 182, 237

■ 208, 216, 237

■ 137, 165, 237

■ 231, 233, 237

■ 113, 148, 237

■ 248, 255, 237

■ 89, 131, 237

■ 237, 255, 237

■ 65, 114, 237

■ 42, 97, 237

■ 18, 80, 237

■ 0, 67, 237

Harmonies

Analogous

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



166, 192, 232



184, 199, 237



206, 199, 233

Triad

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



184, 199, 237



239, 194, 187



179, 206, 211

Complementary

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



184, 199, 237



219, 237, 184

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.



173, 207, 181



184, 199, 237



232, 211, 175

Square

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



184, 199, 237



237, 192, 204



192, 217, 170



164, 192, 213

Rectangle

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



184, 199, 237



220, 196, 226



192, 217, 170



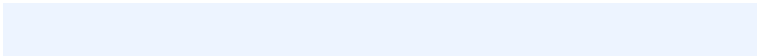
181, 210, 205

Sweetspot

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



184, 199, 237



237, 242, 255



184, 217, 237



117, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 199, 237



186, 205, 255



189, 184, 237



106, 109, 117



0, 51, 181



0, 15, 54

Inverse Universe

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



237, 184, 205



255, 186, 213



184, 237, 189



117, 106, 110



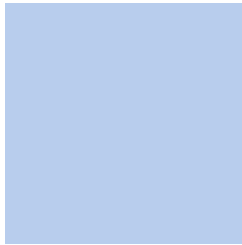
181, 0, 71



54, 0, 21

Previews

White Background



This preview shows how the RYB color 184, 199, 237 looks on a white background.

Color Contrast Check

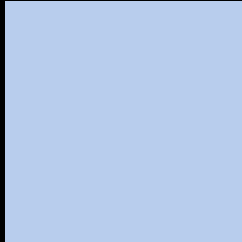
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 184, 199, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

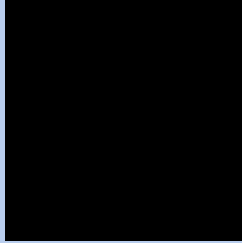
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

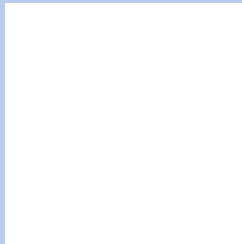
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 184, 199, 237 Background



This preview shows how black text looks on a background with the RYB color 184, 199, 237.



This preview shows how white text looks on a background with the RYB color 184, 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





Tritanopia
181, 197, 224

Trichromacy



Original Color
184, 199, 237

Protanomaly
192, 200, 236

Deuteranomaly
198, 201, 238

Tritanomaly
182, 198, 229

Monochromacy



Original Color
184, 199, 237

Achromatopsia
202, 202, 202

Achromatomaly
195, 201, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 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(184, 205, 237)` looks like.

```
.text, #text, p{  
    color:rgb(184, 205, 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(184, 205, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 205, 237) }
```

Border

The CSS property to change the border of an element to RYB 184, 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(184, 205, 237) }
```

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

```
.border{ border-color:rgb(184, 205, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 205, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 205, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 205, 237);  
box-shadow:4px 4px 4px 4px rgb(184, 205,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 184, 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(184, 205, 237) }
```

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

```
.background{ background-color: rgb(184,  
205, 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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