

Converting Colors

`RYB(184, 216, 237)`

Have a look what the booklet for
RYB(184, 216, 237) contains.

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Color

R_YB(184, 216, 237)

Conversions

Conversions Part 1

Format	Color
Hex	B8EDDB
RGB	184, 237, 219
RGB Percent	72%, 93%, 86%
CMY	0.2784, 0.0706, 0.1420
CMYK	0.22, 0.00, 0.08, 0.07
HSL	159°, 60%, 83%
HSV	159°, 22%, 93%
XYZ	62.8087, 75.8617, 78.1993
YIQ	219.1010, -25.8100, -16.8340

Conversions

Conversions Part 2

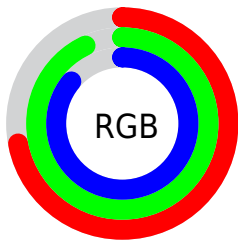
Format	Color
RYB	184, 216, 237
Decimal	12119515
CIELab	89.80, -20.50, 3.30
CIELCh	90, 20.768, 170.860
Yxy	75.8617, 0.2896, 0.3498
Android (android.graphics.Color)	4290309595 (0xFFB8EDDB)
YUV	219.1010, -0.0498, -30.7836
Hunter-Lab	87.0986, -23.7022, 7.7370

Details

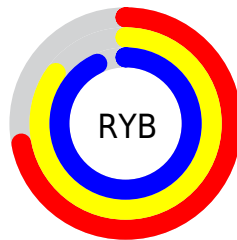
The RYB color **184, 216, 237** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **237, 184, 202**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **241, 248, 255**, and **130, 161, 181** is the 20% darker color. If you saturate the color by 10%, you get **160, 206, 237**, and if you desaturate by 10%, it is **208, 226, 237**.

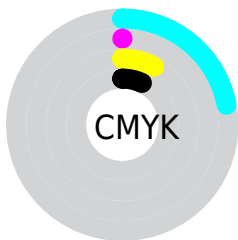
Distribution



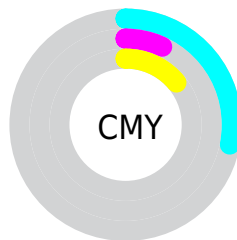
- Red (72%)
- Green (93%)
- Blue (86%)



- Red (72%)
- Yellow (85%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (28%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 216, 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, 216, 237 by changing the saturation by 10% instead.


 184, 216, 237

255, 255, 255


 241, 248, 255


 184, 216, 237


 157, 188, 209


 130, 161, 181

 104, 134, 154

 79, 108, 128

 54, 83, 103

 29, 57, 78

 1, 31, 55

 0, 21, 34

 0, 0, 0

 184, 216, 237

 184, 216, 237

 160, 206, 237


 208, 226, 237

 137, 198, 237


 231, 235, 237

 113, 188, 237


 255, 237, 243


 89, 178, 237

 255, 237, 251

 65, 169, 237

 255, 237, 255

 42, 160, 237

 18, 150, 237

 0, 143, 237

Harmonies

Analogous

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



200, 234, 230



184, 216, 237



174, 206, 239

Triad

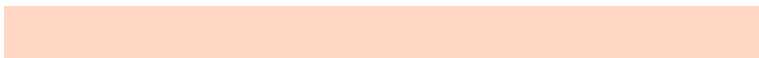
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



184, 216, 237



222, 223, 255



255, 226, 196

Complementary

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



184, 216, 237



237, 184, 202

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.



255, 212, 213



184, 216, 237



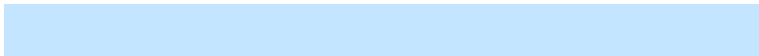
246, 216, 251

Square

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



184, 216, 237



196, 217, 255



255, 213, 233



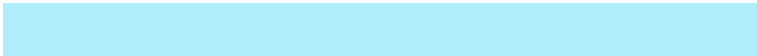
230, 247, 187

Rectangle

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



184, 216, 237



175, 209, 251



255, 213, 233



255, 220, 201

Sweetspot

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



184, 216, 237



237, 248, 255



184, 237, 218



117, 124, 128



0, 0, 0



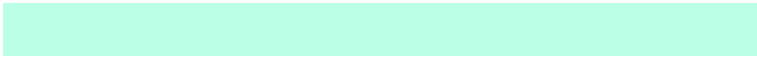
128, 128, 128

Same Dimension

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



184, 216, 237



186, 228, 255



184, 208, 237



106, 113, 117



0, 109, 181



0, 33, 54

Inverse Universe

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



237, 184, 202



255, 186, 210



237, 193, 184



117, 106, 110



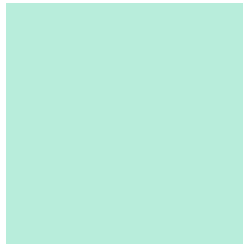
181, 0, 62



54, 0, 18

Previews

White Background



This preview shows how the RYB color 184, 216, 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, 216, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

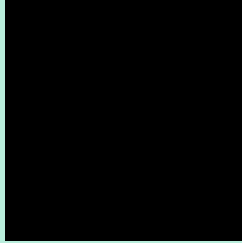
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

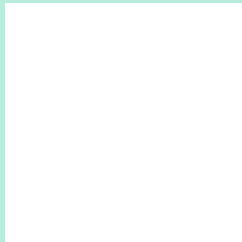
Any Text WCAG AAA ✓ Pass

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

RYB 184, 216, 237 Background



This preview shows how black text looks on a background with the RYB color 184, 216, 237.

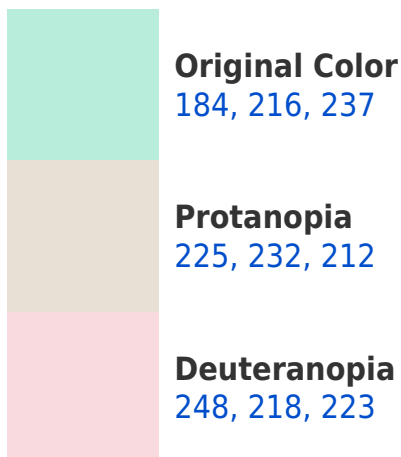


This preview shows how white text looks on a background with the RYB color 184, 216, 237.

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





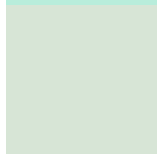
Tritanopia
190, 215, 251

Trichromacy



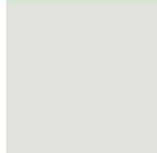
Original Color

184, 216, 237



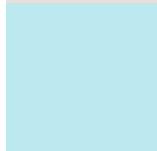
Protanomaly

214, 229, 228



Deuteranomaly

221, 225, 221



Tritanomaly

188, 212, 239

Monochromacy



Original Color

184, 216, 237



Achromatopsia

219, 219, 219



Achromatomaly

206, 218, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 216, 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, 237, 219)` looks like.

```
.text, #text, p{  
    color:rgb(184, 237, 219)  
}
```

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, 237, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 237, 219) }
```

Border

The CSS property to change the border of an element to RYB 184, 216, 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, 237, 219) }
```

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

```
.border{ border-color:rgb(184, 237, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 237, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 237, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 237, 219);  
box-shadow:4px 4px 4px 4px rgb(184, 237,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 184, 216, 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, 237, 219) }
```

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

```
.background{ background-color: rgb(184,  
237, 219) }
```

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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