

Converting Colors

RGB(187, 231, 218)

Have a look what the booklet for
RGB(187, 231, 218) contains.

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Color

RGB(187, 231, 218)

Conversions

Conversions Part 1

Format	Color
Hex	BBE7DA
RGB	187, 231, 218
RGB Percent	73%, 91%, 85%
CMY	0.2667, 0.0941, 0.1451
CMYK	0.19, 0.00, 0.06, 0.09
HSL	162°, 48%, 82%
HSV	162°, 19%, 91%
XYZ	61.7243, 72.7786, 77.1241
YIQ	216.3620, -22.0510, -13.3710

Conversions

Conversions Part 2

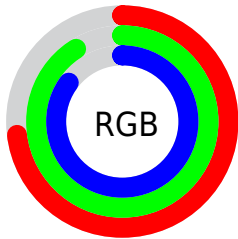
Format	Color
RYB	187, 213, 231
Decimal	12314586
CIELab	88.34, -16.76, 1.62
CIELCh	88, 16.840, 174.485
Yxy	72.7786, 0.2917, 0.3439
Android (android.graphics.Color)	4290504666 (0xFFBBE7DA)
YUV	216.3620, 0.8075, -25.7505
Hunter-Lab	85.3104, -20.1436, 6.1166

Details

The RGB color **187, 231, 218** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **231, 187, 200**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **244, 255, 255**, and **133, 175, 163** is the 20% darker color. If you saturate the color by 10%, you get **164, 231, 211**, and if you desaturate by 10%, it is **210, 231, 225**.

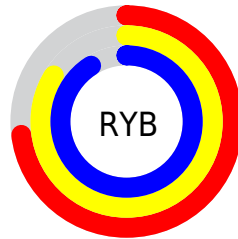
Distribution



Red (73%)

Green (91%)

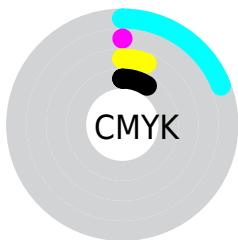
Blue (85%)



Red (73%)

Yellow (84%)

Blue (91%)

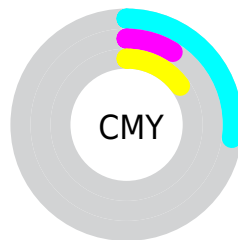


Cyan (19%)

Magenta (0%)

Yellow (6%)

Black (9%)



Cyan (27%)

Magenta (9%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 231, 218 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 187, 231, 218 by changing the saturation by 10% instead.

■ 187, 231, 218

255, 255, 255

■ 244, 255, 255

■ 187, 231, 218

■ 160, 203, 190

■ 133, 175, 163

■ 107, 149, 137

■ 82, 123, 112

■ 58, 98, 87

■ 34, 74, 64

■ 9, 51, 42

■ 0, 30, 22

■ 0, 0, 0

 187, 231, 218

 187, 231, 218

 164, 231, 211

 210, 231, 225

 141, 231, 204

 233, 231, 232

 118, 231, 198

 255, 231, 238

 95, 231, 191

 255, 231, 245

 72, 231, 184

 255, 231, 252

 48, 231, 177

 255, 231, 255

 25, 231, 170

 2, 231, 163

 0, 231, 163

Harmonies

Analogous

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



202, 229, 203



187, 231, 218



180, 231, 234

Triad

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



187, 231, 218



221, 219, 251



251, 215, 196

Complementary

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



187, 231, 218



231, 187, 200

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, 211, 209



187, 231, 218



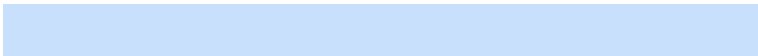
240, 214, 241

Square

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



187, 231, 218



201, 224, 253



252, 211, 225



238, 220, 190

Rectangle

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



187, 231, 218



182, 229, 244



252, 211, 225



253, 213, 200

Sweetspot

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



187, 231, 218



240, 255, 250



200, 231, 187



119, 128, 125



0, 0, 0



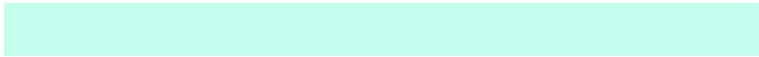
128, 128, 128

Same Dimension

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



187, 231, 218



196, 255, 238



187, 222, 231



103, 115, 111



0, 179, 126



0, 51, 36

Inverse Universe

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



231, 187, 200



255, 196, 214



231, 196, 187



115, 103, 107



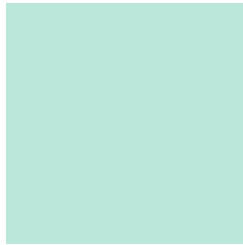
179, 0, 53



51, 0, 15

Previews

White Background



This preview shows how the RGB color 187, 231, 218 looks on a white background.

Color Contrast Check

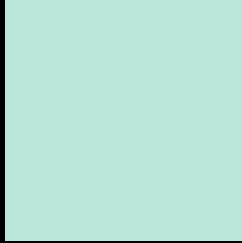
Large Text (above 18pt) WCAG AA × Fail

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 187, 231, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

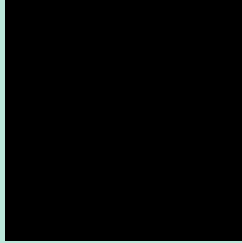
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

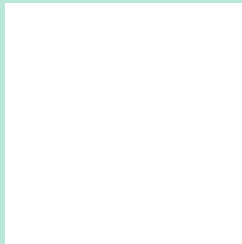
Any Text WCAG AAA ✓ Pass

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

RGB 187, 231, 218 Background



This preview shows how black text looks on a background with the RGB color 187, 231, 218.



This preview shows how white text looks on a background with the RGB color 187, 231, 218.

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





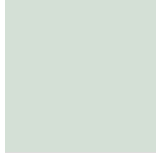
Tritanopia
192, 227, 245

Trichromacy



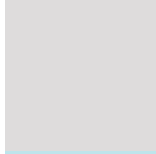
Original Color

187, 231, 218



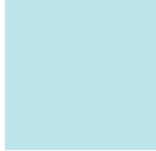
Protanomaly

212, 224, 214



Deuteranomaly

222, 220, 220



Tritanomaly

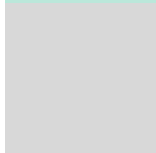
190, 228, 235

Monochromacy



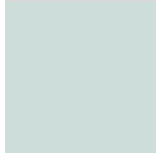
Original Color

187, 231, 218



Achromatopsia

216, 216, 216



Achromatomaly

205, 221, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 231, 218 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(187, 231, 218)` looks like.

```
.text, #text, p{  
    color:rgb(187, 231, 218)  
}
```

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(187, 231, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 231, 218) }
```

Border

The CSS property to change the border of an element to RGB 187, 231, 218 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(187, 231, 218) }
```

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

```
.border{ border-color:rgb(187, 231, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 231, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 231, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 231, 218);  
box-shadow:4px 4px 4px 4px rgb(187, 231,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 187, 231, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 231, 218) }
```

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

```
.background{ background-color: rgb(187,  
231, 218) }
```

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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