

Converting Colors

RGB(187, 231, 227)

Have a look what the booklet for
RGB(187, 231, 227) contains.

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Color

RGB(187, 231, 227)

Conversions

Conversions Part 1

Format	Color
Hex	BBE7E3
RGB	187, 231, 227
RGB Percent	73%, 91%, 89%
CMY	0.2667, 0.0941, 0.1098
CMYK	0.19, 0.00, 0.02, 0.09
HSL	175°, 48%, 82%
HSV	175°, 19%, 91%
XYZ	62.9346, 73.2627, 83.4972
YIQ	217.3880, -24.9400, -10.5720

Conversions

Conversions Part 2

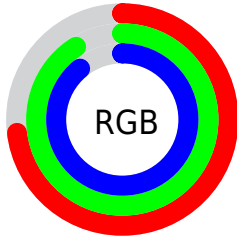
Format	Color
RYB	187, 210, 231
Decimal	12314595
CIELab	88.57, -14.95, -2.76
CIELCh	89, 15.199, 190.482
Yxy	73.2627, 0.2865, 0.3335
Android (android.graphics.Color)	4290504675 (0xFFBBE7E3)
YUV	217.3880, 4.7387, -26.6503
Hunter-Lab	85.5936, -18.5428, 2.0777

Details

The RGB color **187, 231, 227** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **231, 187, 191**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **244, 255, 255**, and **133, 175, 172** is the 20% darker color. If you saturate the color by 10%, you get **164, 231, 225**, and if you desaturate by 10%, it is **210, 231, 229**.

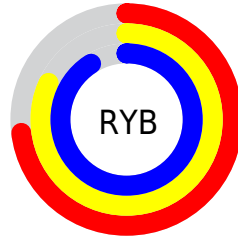
Distribution



Red (73%)

Green (91%)

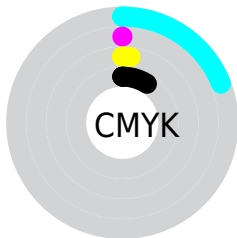
Blue (89%)



Red (73%)

Yellow (82%)

Blue (91%)

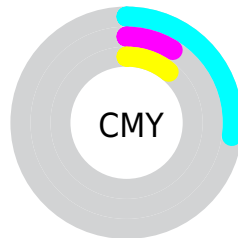


Cyan (19%)

Magenta (0%)

Yellow (2%)

Black (9%)



Cyan (27%)

Magenta (9%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 231, 227 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, 227 by changing the saturation by 10% instead.

 187, 231, 227

255, 255, 255


 244, 255, 255

 187, 231, 227


 160, 203, 199

 133, 175, 172


 107, 149, 145

 82, 123, 120

 58, 98, 95

 33, 74, 71

 7, 51, 49

 0, 30, 28


 0, 0, 1

 187, 231, 227

 187, 231, 227

 164, 231, 225

 210, 231, 229

 141, 231, 223

 233, 231, 231

 118, 231, 221

 255, 231, 233

 95, 231, 219

 255, 231, 235

 72, 231, 216

 255, 231, 238

 48, 231, 214

 255, 231, 240

 25, 231, 212

 255, 231, 242

 2, 231, 210

 255, 231, 244

 0, 231, 210

 255, 231, 246

Harmonies

Analogous

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



197, 230, 212



187, 231, 227



187, 230, 241

Triad

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



187, 231, 227



231, 217, 244



243, 218, 195

Complementary

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



187, 231, 227



231, 187, 191

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.



252, 214, 204



187, 231, 227



246, 214, 232

Square

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



187, 231, 227



213, 222, 251



253, 212, 218



229, 223, 194

Rectangle

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



187, 231, 227



192, 228, 247



253, 212, 218



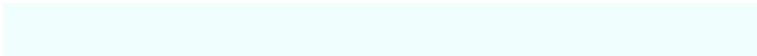
247, 217, 198

Sweetspot

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



187, 231, 227



240, 255, 254



191, 231, 187



119, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



187, 231, 227



196, 255, 250



187, 213, 231



103, 115, 114



0, 179, 162



0, 51, 46

Inverse Universe

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



231, 187, 191



255, 196, 202



231, 205, 187



115, 103, 104



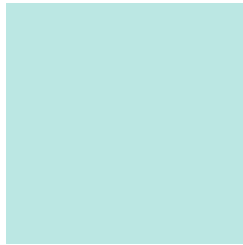
179, 0, 16



51, 0, 5

Previews

White Background



This preview shows how the RGB color 187, 231, 227 looks on a white background.

Color Contrast Check

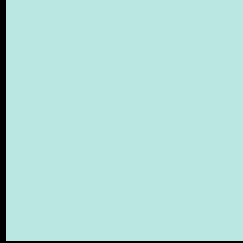
Large Text (above 18pt) WCAG AA × Fail

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, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

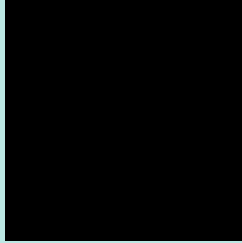
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

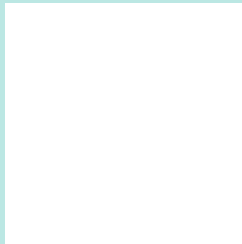
Any Text WCAG AAA ✓ Pass

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

RGB 187, 231, 227 Background



This preview shows how black text looks on a background with the RGB color 187, 231, 227.



This preview shows how white text looks on a background with the RGB color 187, 231, 227.

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](#).

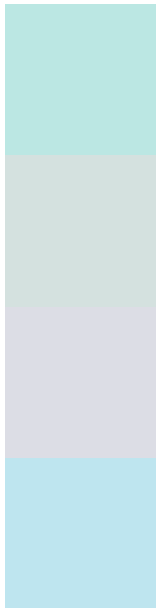
Dichromacy





Tritanopia
191, 228, 246

Trichromacy



Original Color
187, 231, 227

Protanomaly
212, 225, 223

Deuteranomaly
220, 221, 229

Tritanomaly
190, 229, 239

Monochromacy



Original Color
187, 231, 227

Achromatopsia
217, 217, 217

Achromatomaly
206, 222, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 231, 227 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(187, 231, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 231, 227) }
```

Border

The CSS property to change the border of an element to RGB 187, 231, 227 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, 227) }
```

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

```
.border{ border-color:rgb(187, 231, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 231, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 231, 227);  
box-shadow:4px 4px 4px 4px rgb(187, 231,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 187, 231, 227 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, 227) }
```

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

```
.background{ background-color: rgb(187,  
231, 227) }
```

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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