

Converting Colors

RGB(187, 229, 232)

Have a look what the booklet for
RGB(187, 229, 232) contains.

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Color

RGB(187, 229, 232)

Conversions

Conversions Part 1	
Format	Color
Hex	BBE5E8
RGB	187, 229, 232
RGB Percent	73%, 90%, 91%
CMY	0.2667, 0.1020, 0.0902
CMYK	0.19, 0.01, 0.00, 0.09
HSL	184°, 49%, 82%
HSV	184°, 19%, 91%
XYZ	63.0783, 72.4296, 86.9997
YIQ	216.7840, -25.9950, -7.9710

Conversions

Conversions Part 2

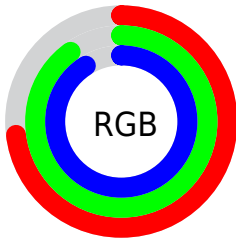
Format	Color
RYB	187, 209, 232
Decimal	12314088
CIELab	88.17, -12.90, -5.98
CIELCh	88, 14.216, 204.857
Yxy	72.4296, 0.2835, 0.3255
Android (android.graphics.Color)	4290504168 (0xFFBBE5E8)
YUV	216.7840, 7.5015, -26.1206
Hunter-Lab	85.1056, -16.6347, -1.0356

Details

The RGB color **187, 229, 232** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **232, 190, 187**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **244, 255, 255**, and **133, 173, 176** is the 20% darker color. If you saturate the color by 10%, you get **164, 227, 232**, and if you desaturate by 10%, it is **210, 231, 232**.

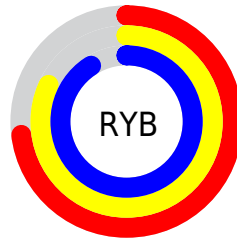
Distribution



Red (73%)

Green (90%)

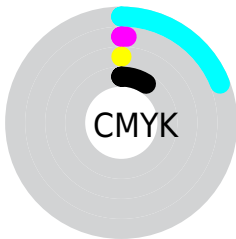
Blue (91%)



Red (73%)

Yellow (82%)

Blue (91%)

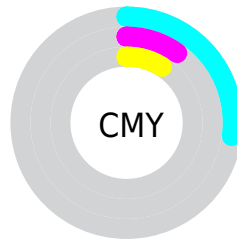


Cyan (19%)

Magenta (1%)

Yellow (0%)

Black (9%)



Cyan (27%)

Magenta (10%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 229, 232 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, 229, 232 by changing the saturation by 10% instead.

 187, 229, 232


255, 255, 255


 244, 255, 255

 187, 229, 232

 160, 201, 204

 133, 173, 176

 107, 147, 150

 82, 121, 124

 57, 96, 99

 33, 72, 75

 7, 50, 53

 0, 29, 31

 0, 0, 7

 187, 229, 232 187, 229, 232 164, 227, 232 210, 231, 232 141, 226, 232 233, 232, 232 117, 224, 232 255, 234, 232 94, 223, 232 255, 235, 232 71, 221, 232 255, 237, 232 48, 220, 232 255, 238, 232 25, 218, 232 255, 240, 232 1, 217, 232 255, 241, 232 0, 217, 232 255, 243, 232

Harmonies

Analogous

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



192, 229, 218



187, 229, 232



191, 227, 243

Triad

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



187, 229, 232



237, 214, 237



235, 219, 194

Complementary

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



187, 229, 232



232, 190, 187

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.



246, 215, 200



187, 229, 232



247, 212, 224

Square

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



187, 229, 232



221, 219, 246



250, 213, 210



220, 224, 197

Rectangle

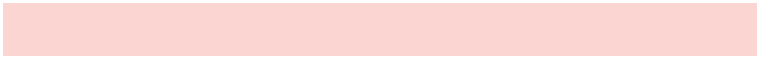
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187, 229, 232



199, 224, 247



250, 213, 210



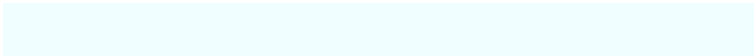
239, 218, 195

Sweetspot

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



187, 229, 232



240, 254, 255



187, 232, 190



119, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 229, 232



196, 251, 255



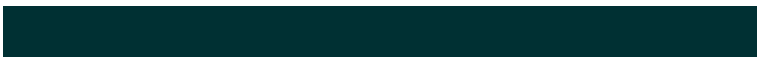
187, 207, 232



103, 114, 115



0, 167, 179



0, 48, 51

Inverse Universe

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



232, 187, 229



255, 196, 251



232, 212, 187



115, 103, 114



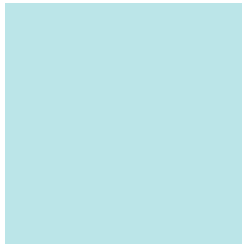
179, 0, 167



51, 0, 48

Previews

White Background



This preview shows how the RGB color 187, 229, 232 looks on a white background.

Color Contrast Check

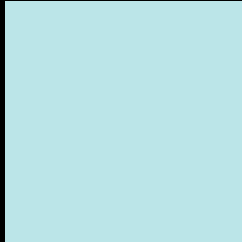
Large Text (above 18pt) WCAG AA × Fail

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, 229, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

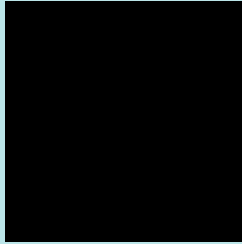
Any Text WCAG AA ✓ Pass

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, 229, 232 Background



This preview shows how black text looks on a background with the RGB color 187, 229, 232.

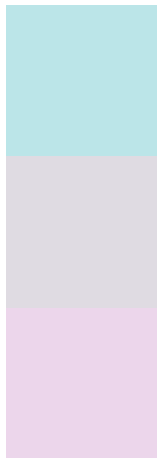


This preview shows how white text looks on a background with the RGB color 187, 229, 232.

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
187, 229, 232

Protanopia
223, 219, 226

Deuteranopia
236, 214, 235



Tritanopia

190, 227, 245

Trichromacy

	Original Color 187, 229, 232
	Protanomaly 210, 223, 228
	Deuteranomaly 218, 219, 234
	Tritanomaly 189, 228, 240

Monochromacy

	Original Color 187, 229, 232
	Achromatopsia 217, 217, 217
	Achromatomaly 206, 221, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 229, 232 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, 229, 232) looks like.

```
.text, #text, p{  
    color:rgb(187, 229, 232)  
}
```

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, 229, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 229, 232) }
```

Border

The CSS property to change the border of an element to RGB 187, 229, 232 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, 229, 232) }
```

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

```
.border{ border-color:rgb(187, 229, 232) }
```

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

Here you see how a box with a 4 pixel rgb(187, 229, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 229, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 229, 232);  
box-shadow:4px 4px 4px 4px rgb(187, 229,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 187, 229, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 229, 232) }
```

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

```
.background{ background-color: rgb(187,  
229, 232) }
```

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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