

Converting Colors

RGB(186, 225, 223)

Have a look what the booklet for
RGB(186, 225, 223) contains.

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Color

RGB(186, 225, 223)

Conversions

Conversions Part 1

Format	Color
Hex	BAE1DF
RGB	186, 225, 223
RGB Percent	73%, 88%, 87%
CMY	0.2706, 0.1176, 0.1255
CMYK	0.17, 0.00, 0.01, 0.12
HSL	177°, 39%, 81%
HSV	177°, 17%, 88%
XYZ	60.4942, 69.6172, 80.0611
YIQ	213.1110, -22.6020, -8.8900

Conversions

Conversions Part 2

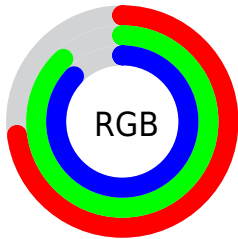
Format	Color
RYB	186, 206, 225
Decimal	12247519
CIELab	86.81, -13.05, -3.26
CIElCh	87, 13.450, 194.027
Yxy	69.6172, 0.2878, 0.3312
Android (android.graphics.Color)	4290437599 (0xFFBAE1DF)
YUV	213.1110, 4.8753, -23.7763
Hunter-Lab	83.4369, -16.5970, 1.5147

Details

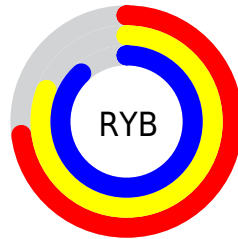
The RGB color **186, 225, 223** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **225, 186, 188**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **243, 255, 255**, and **132, 170, 168** is the 20% darker color. If you saturate the color by 10%, you get **163, 225, 222**, and if you desaturate by 10%, it is **209, 225, 224**.

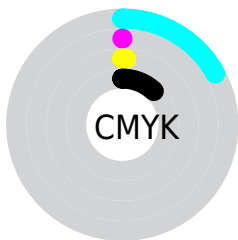
Distribution



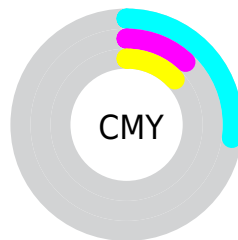
- Red (73%)
- Green (88%)
- Blue (87%)



- Red (73%)
- Yellow (81%)
- Blue (88%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (27%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 225, 223 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 186, 225, 223 by changing the saturation by 10% instead.


 186, 225, 223

255, 255, 255


 243, 255, 255

 186, 225, 223

 159, 197, 195

 132, 170, 168

 106, 143, 141

 82, 118, 116

 57, 93, 91

 34, 69, 68

 9, 47, 46

 0, 27, 25

 0, 0, 0

 186, 225, 223

 186, 225, 223

 163, 225, 222

 209, 225, 224

 141, 225, 221

 231, 225, 225

 118, 225, 220

 254, 225, 226

 96, 225, 218

 255, 225, 228

 73, 225, 217

 255, 225, 229

 51, 225, 216

 255, 225, 230

 28, 225, 215

 255, 225, 231

 6, 225, 214

 255, 225, 232

 0, 225, 213

 255, 225, 233

Harmonies

Analogous

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



194, 224, 210



186, 225, 223



187, 224, 235

Triad

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



186, 225, 223



227, 212, 236



235, 214, 193

Complementary

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



186, 225, 223



225, 186, 188

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.



243, 211, 200



186, 225, 223



239, 209, 225

Square

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



186, 225, 223



211, 216, 242



245, 209, 212



221, 218, 193

Rectangle

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



186, 225, 223



192, 222, 240



245, 209, 212



238, 213, 195

Sweetspot

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



186, 225, 223



242, 255, 254



189, 225, 186



120, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



186, 225, 223



201, 255, 252



186, 208, 225



101, 112, 112



0, 176, 167



0, 48, 46

Inverse Universe

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



225, 186, 188



255, 201, 204



225, 203, 186



112, 101, 102



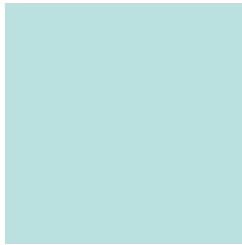
176, 0, 9



48, 0, 2

Previews

White Background



This preview shows how the RGB color 186, 225, 223 looks on a white background.

Color Contrast Check

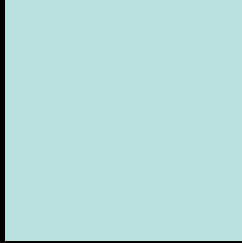
Large Text (above 18pt) WCAG AA × Fail

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 186, 225, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

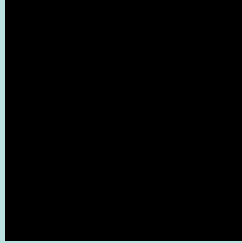
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

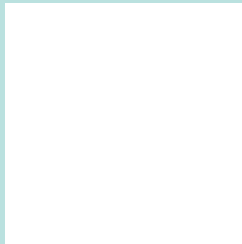
Any Text WCAG AAA ✓ Pass

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

RGB 186, 225, 223 Background



This preview shows how black text looks on a background with the RGB color 186, 225, 223.

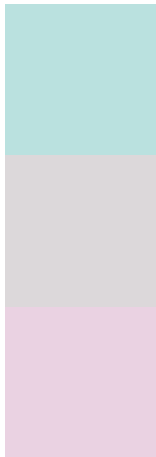


This preview shows how white text looks on a background with the RGB color 186, 225, 223.

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
186, 225, 223

Protanopia
220, 216, 218

Deuteranopia
234, 210, 226



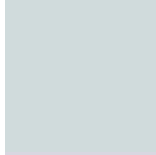
Tritanopia
189, 222, 240

Trichromacy



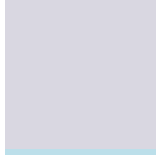
Original Color

186, 225, 223



Protanomaly

208, 219, 220



Deuteranomaly

217, 215, 225



Tritanomaly

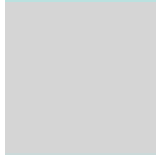
188, 223, 234

Monochromacy



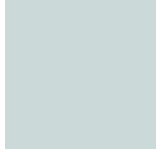
Original Color

186, 225, 223



Achromatopsia

213, 213, 213



Achromatomaly

203, 217, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 225, 223 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(186, 225, 223)` looks like.

```
.text, #text, p{  
    color:rgb(186, 225, 223)  
}
```

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(186, 225, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 225, 223) }
```

Border

The CSS property to change the border of an element to RGB 186, 225, 223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

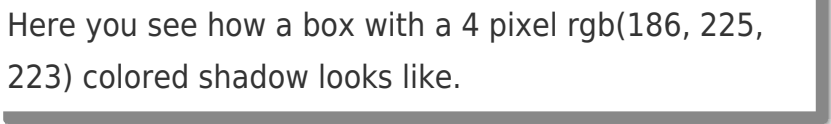
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 225, 223) }
```

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

```
.border{ border-color:rgb(186, 225, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 225, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 225, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 225, 223); box-shadow:4px 4px 4px 4px rgb(186, 225, 223) }
```

Background

The CSS property to change the background color of an element to RGB 186, 225, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 225, 223) }
```

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

```
.background{ background-color: rgb(186,  
225, 223) }
```

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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