

Converting Colors

RGB(180, 219, 227)

Have a look what the booklet for
RGB(180, 219, 227) contains.

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Color

RGB(180, 219, 227)

Conversions

Conversions Part 1

Format	Color
Hex	B4DBE3
RGB	180, 219, 227
RGB Percent	71%, 86%, 89%
CMY	0.2941, 0.1412, 0.1098
CMYK	0.21, 0.04, 0.00, 0.11
HSL	190°, 46%, 80%
HSV	190°, 21%, 89%
XYZ	58.0190, 65.9124, 82.3375
YIQ	208.2510, -25.8120, -5.7800

Conversions

Conversions Part 2

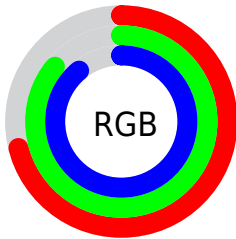
Format	Color
R _{YB}	180, 201, 227
Decimal	11852771
CIE Lab	84.95, -10.99, -8.16
CIE LCh	85, 13.688, 216.578
Yxy	65.9124, 0.2813, 0.3195
Android (android.graphics.Color)	4290042851 (0xFFB4DBE3)
YUV	208.2510, 9.2433, -24.7761
Hunter-Lab	81.1864, -14.5131, -3.3001

Details

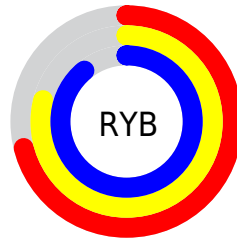
The RGB color **180, 219, 227** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **227, 188, 180**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **236, 255, 255**, and **126, 164, 172** is the 20% darker color. If you saturate the color by 10%, you get **157, 215, 227**, and if you desaturate by 10%, it is **203, 223, 227**.

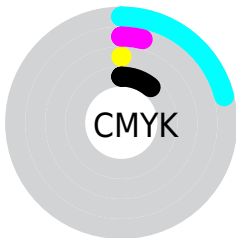
Distribution



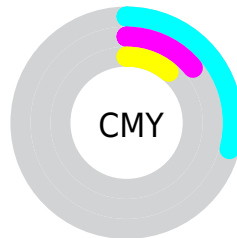
- Red (71%)
- Green (86%)
- Blue (89%)



- Red (71%)
- Yellow (79%)
- Blue (89%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 219, 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 180, 219, 227 by changing the saturation by 10% instead.

 180, 219, 227

255, 255, 255


 236, 255, 255


 180, 219, 227

 153, 191, 199

 126, 164, 172

 101, 138, 145

 76, 112, 119

 51, 88, 95

 27, 64, 71

 1, 42, 49

 0, 23, 28

 0, 0, 0

■ 180, 219, 227

■ 180, 219, 227

■ 157, 215, 227

■ 203, 223, 227

■ 135, 211, 227

■ 225, 227, 227

■ 112, 207, 227

■ 248, 231, 227

■ 89, 204, 227

■ 255, 234, 227

■ 67, 200, 227

■ 255, 238, 227

■ 44, 196, 227

■ 255, 242, 227

■ 21, 192, 227

■ 255, 246, 227

■ 0, 188, 227

■ 255, 250, 227

■ 255, 254, 227

Harmonies

Analogous

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



182, 220, 215



180, 219, 227



188, 216, 235

Triad

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



180, 219, 227



232, 205, 223



220, 212, 187

Complementary

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



180, 219, 227



227, 188, 180

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.



232, 208, 189



180, 219, 227



239, 203, 210

Square

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



180, 219, 227



218, 208, 233



239, 205, 197



205, 216, 191

Rectangle

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



180, 219, 227



197, 214, 238



239, 205, 197



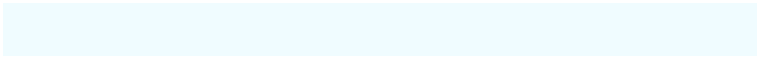
224, 211, 187

Sweetspot

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



180, 219, 227



240, 252, 255



180, 227, 188



119, 126, 128



0, 0, 0



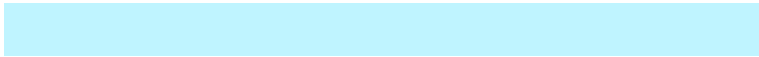
128, 128, 128

Same Dimension

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



180, 219, 227



191, 244, 255



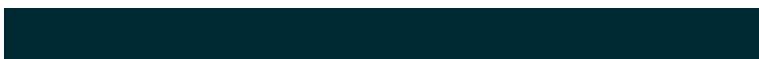
180, 196, 227



103, 113, 115



0, 148, 179



0, 42, 51

Inverse Universe

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



227, 180, 219



255, 191, 244



227, 211, 180



115, 103, 113



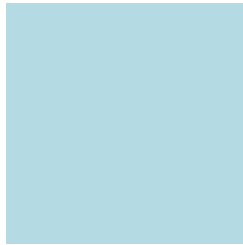
179, 0, 148



51, 0, 42

Previews

White Background



This preview shows how the RGB color 180, 219, 227 looks on a white background.

Color Contrast Check

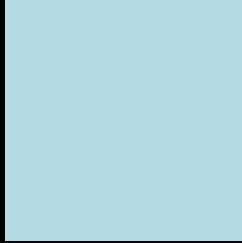
Large Text (above 18pt) WCAG AA × Fail

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 180, 219, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

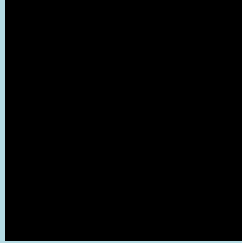
Any Text WCAG AA ✓ Pass

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 180, 219, 227 Background



This preview shows how black text looks on a background with the RGB color 180, 219, 227.



This preview shows how white text looks on a background with the RGB color 180, 219, 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](#).

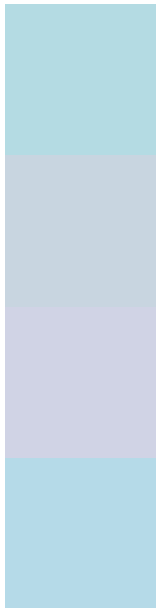
Dichromacy





Tritanopia
182, 218, 235

Trichromacy



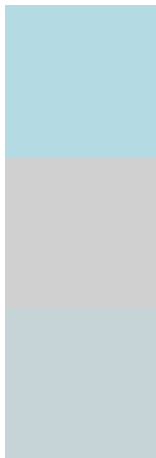
Original Color
180, 219, 227

Protanomaly
200, 213, 224

Deuteranomaly
208, 211, 229

Tritanomaly
181, 218, 232

Monochromacy



Original Color
180, 219, 227

Achromatopsia
208, 208, 208

Achromatomaly
198, 212, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 219, 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(180, 219, 227)` looks like.

```
.text, #text, p{  
    color:rgb(180, 219, 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(180, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 219, 227) }
```

Border

The CSS property to change the border of an element to RGB 180, 219, 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(180, 219, 227) }
```

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

```
.border{ border-color:rgb(180, 219, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 219, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 219, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 219, 227); box-shadow:4px 4px 4px 4px rgb(180, 219, 227) }
```

Background

The CSS property to change the background color of an element to RGB 180, 219, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 219, 227) }
```

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

```
.background{ background-color: rgb(180,  
219, 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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