

Converting Colors

`RYB(180, 206, 243)`

Have a look what the booklet for
RYB(180, 206, 243) contains.

RYB(180, 206, 243)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(180, 206, 243)

Conversions

Conversions Part 1

Format	Color
Hex	B4E0F3
RGB	180, 224, 243
RGB Percent	71%, 88%, 95%
CMY	0.2941, 0.1205, 0.0471
CMYK	0.26, 0.08, 0.00, 0.05
HSL	198°, 72%, 83%
HSV	198°, 26%, 95%
XYZ	61.7284, 69.6311, 94.9807
YIQ	213.0100, -32.3230, -3.4190

Conversions

Conversions Part 2

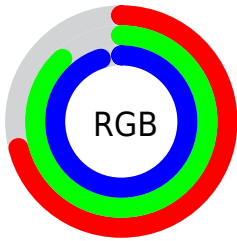
Format	Color
R _{YB}	180, 206, 243
Decimal	11854067
CIE Lab	86.82, -10.17, -13.83
CIE LCh	87, 17.168, 233.661
Yxy	69.6311, 0.2727, 0.3076
Android (android.graphics.Color)	4290044147 (0xFFB4E0F3)
YUV	213.0100, 14.7851, -28.9498
Hunter-Lab	83.4452, -13.9842, -9.0746

Details

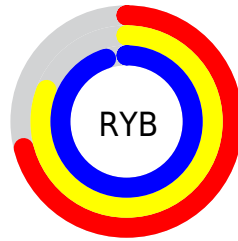
The RYB color **180, 206, 243** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **243, 207, 180**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **237, 246, 255**, and **126, 151, 187** is the 20% darker color. If you saturate the color by 10%, you get **156, 192, 243**, and if you desaturate by 10%, it is **204, 220, 243**.

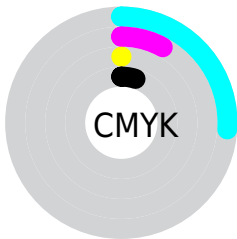
Distribution



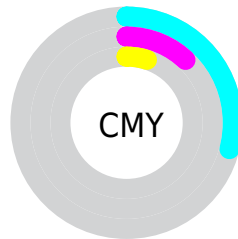
- Red (71%)
- Green (88%)
- Blue (95%)



- Red (71%)
- Yellow (81%)
- Blue (95%)



- Cyan (26%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (29%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 206, 243 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 RYB color 180, 206, 243 by changing the saturation by 10% instead.

■ 180, 206, 243

255, 255, 255

■ 237, 246, 255

■ 180, 206, 243

■ 153, 178, 215

■ 126, 151, 187

■ 100, 125, 160

■ 74, 99, 134

■ 48, 73, 108

■ 21, 48, 84

■ 0, 26, 61

■ 0, 16, 39

■ 0, 1, 18

■ 180, 206, 243

■ 180, 206, 243

■ 156, 192, 243

■ 204, 220, 243

■ 131, 177, 243

■ 229, 235, 243

■ 107, 163, 243

■ 253, 247, 243

■ 83, 149, 243

■ 245, 255, 243

■ 59, 135, 243

■ 243, 255, 243

■ 34, 120, 243

■ 10, 106, 243

■ 0, 100, 243

Harmonies

Analogous

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



175, 202, 230



180, 206, 243



196, 213, 249

Triad

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



180, 206, 243



248, 206, 221



187, 220, 191

Complementary

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



180, 206, 243



243, 207, 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.



216, 234, 185



180, 206, 243



252, 207, 205

Square

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



180, 206, 243



235, 209, 237



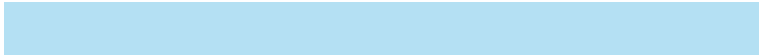
247, 219, 192



198, 225, 225

Rectangle

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



180, 206, 243



209, 215, 249



247, 219, 192



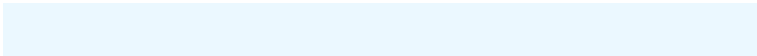
190, 223, 186

Sweetspot

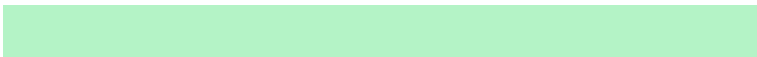
The Sweet Spot groups the original color and five complimentary colors.



180, 206, 243



235, 243, 255



180, 229, 243



115, 120, 128



0, 0, 0



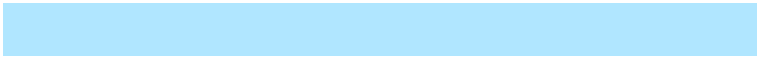
128, 128, 128

Same Dimension

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



180, 206, 243



176, 208, 255



180, 191, 243



110, 115, 122



0, 77, 186



0, 24, 59

Inverse Universe

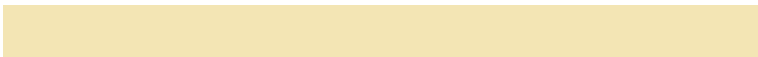
The Inverse Universe completely reimagines the original color for something new.



243, 180, 224



255, 176, 231



198, 243, 180



122, 110, 119



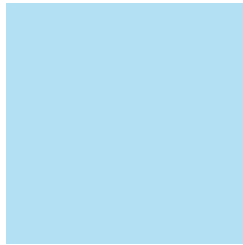
186, 0, 131



59, 0, 41

Previews

White Background



This preview shows how the RYB color 180, 206, 243 looks on a white background.

Color Contrast Check

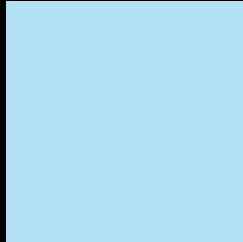
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 180, 206, 243 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](#).

RYB 180, 206, 243 Background



This preview shows how black text looks on a background with the RYB color 180, 206, 243.

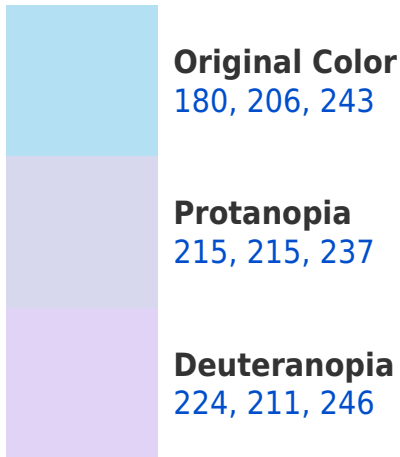


This preview shows how white text looks on a background with the RYB color 180, 206, 243.

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](#).

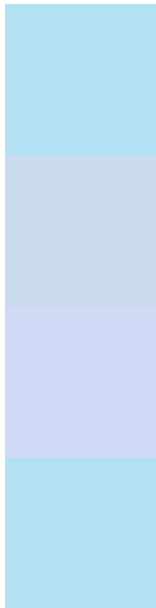
Dichromacy





Tritanopia
180, 206, 242

Trichromacy



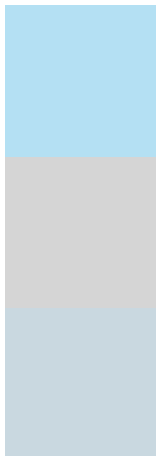
Original Color
180, 206, 243

Protanomaly
202, 213, 239

Deuteranomaly
208, 215, 245

Tritanomaly
180, 206, 242

Monochromacy



Original Color
180, 206, 243

Achromatopsia
213, 213, 213

Achromatomaly
201, 210, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 206, 243 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, 224, 243)` looks like.

```
.text, #text, p{  
    color:rgb(180, 224, 243)  
}
```

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, 224, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 224, 243) }
```

Border

The CSS property to change the border of an element to RYB 180, 206, 243 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, 224, 243) }
```

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

```
.border{ border-color:rgb(180, 224, 243) }
```

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

Here you see how a box with a 4 pixel rgb(180, 224, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 224, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 224, 243);  
box-shadow:4px 4px 4px 4px rgb(180, 224,  
243) }
```

Background

The CSS property to change the background color of an element to RYB 180, 206, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 224, 243) }
```

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

```
.background{ background-color: rgb(180,  
224, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor