

Converting Colors

`RYB(180, 233, 225)`

Have a look what the booklet for
RYB(180, 233, 225) contains.

RYB(180, 233, 225)	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, 233, 225)

Conversions

Conversions Part 1

Format	Color
Hex	BCE9B4
RGB	188, 233, 180
RGB Percent	74%, 91%, 71%
CMY	0.2627, 0.0863, 0.2941
CMYK	0.19, 0.00, 0.23, 0.09
HSL	111°, 55%, 81%
HSV	111°, 23%, 91%
XYZ	58.1162, 72.2645, 54.0654
YIQ	213.5030, -9.8070, -26.0230

Conversions

Conversions Part 2

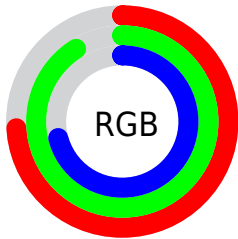
Format	Color
RYB	180, 233, 225
Decimal	12380596
CIELab	88.10, -24.31, 21.10
CIElCh	88, 32.189, 139.038
Yxy	72.2645, 0.3151, 0.3918
Android (android.graphics.Color)	4290570676 (0xFFBCE9B4)
YUV	213.5030, -16.5170, -22.3661
Hunter-Lab	85.0085, -26.7332, 21.7975

Details

The RYB color **180, 233, 225** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **225, 180, 233**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **236, 255, 246**, and **127, 177, 170** is the 20% darker color. If you saturate the color by 10%, you get **157, 233, 222**, and if you desaturate by 10%, it is **203, 233, 228**.

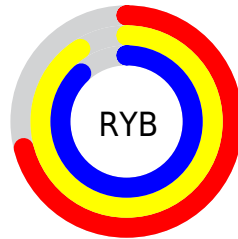
Distribution



Red (74%)

Green (91%)

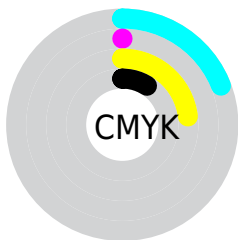
Blue (71%)



Red (71%)

Yellow (91%)

Blue (88%)

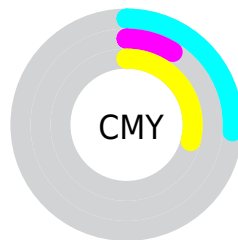


Cyan (19%)

Magenta (0%)

Yellow (23%)

Black (9%)



Cyan (26%)

Magenta (9%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 233, 225 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, 233, 225 by changing the saturation by 10% instead.

 180, 233, 225


255, 255, 255


 236, 255, 246

 180, 233, 225

 153, 205, 197

 127, 177, 170


 102, 150, 144

 77, 124, 118

 54, 99, 94

 32, 75, 72

 10, 52, 52

 0, 32, 32

 0, 0, 0

 180, 233, 225

 180, 233, 225

 157, 233, 222

 203, 233, 228

 133, 233, 218

 227, 233, 232

 110, 233, 214

 247, 233, 250

 87, 233, 211

 255, 233, 255

 64, 233, 208

 40, 233, 204

 17, 233, 200

 0, 233, 198

Harmonies

Analogous

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



163, 225, 165



180, 233, 225



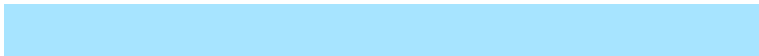
154, 204, 237

Triad

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



180, 233, 225



167, 203, 255



255, 199, 202

Complementary

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



180, 233, 225



225, 180, 233

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.



255, 200, 234



180, 233, 225



210, 216, 255

Square

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



180, 233, 225



135, 190, 255



249, 207, 255



255, 222, 176

Rectangle

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



180, 233, 225



137, 190, 238



249, 207, 255



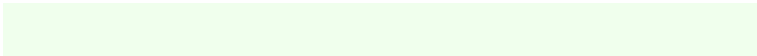
255, 199, 213

Sweetspot

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



180, 233, 225



237, 255, 252



191, 233, 180



117, 128, 126



0, 0, 0



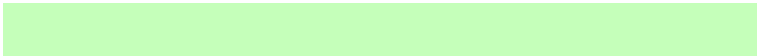
128, 128, 128

Same Dimension

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



180, 233, 225



186, 255, 244



180, 220, 233



106, 117, 116



0, 181, 154



0, 54, 46

Inverse Universe

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



225, 180, 233



245, 186, 255



233, 180, 215



116, 106, 117



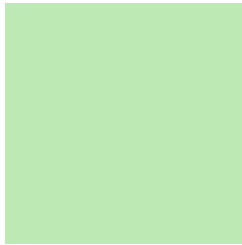
154, 0, 181



45, 0, 54

Previews

White Background



This preview shows how the RYB color 180, 233, 225 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, 233, 225 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

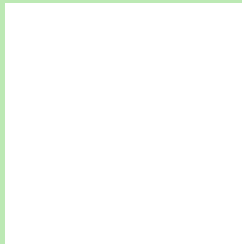
Any Text WCAG AAA ✓ Pass

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

RYB 180, 233, 225 Background



This preview shows how black text looks on a background with the RYB color 180, 233, 225.

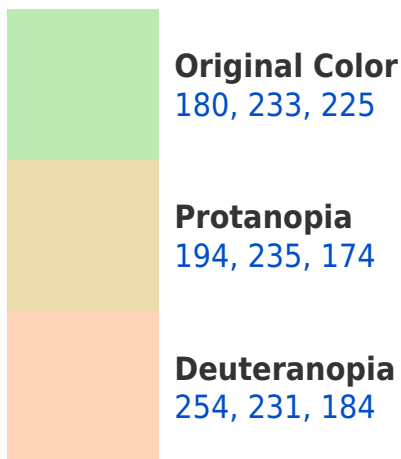


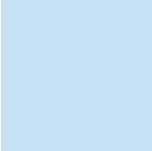
This preview shows how white text looks on a background with the RYB color 180, 233, 225.

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](#).

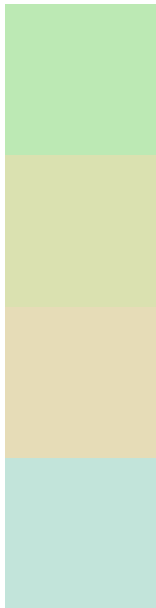
Dichromacy





Tritanopia
198, 215, 242

Trichromacy



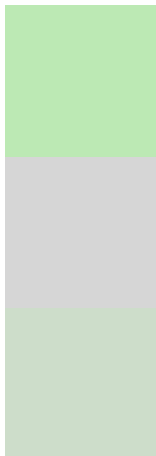
Original Color
180, 233, 225

Protanomaly
176, 225, 183

Deuteranomaly
196, 230, 183

Tritanomaly
194, 214, 228

Monochromacy



Original Color
180, 233, 225

Achromatopsia
214, 214, 214

Achromatomaly
202, 221, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 233, 225 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(188, 233, 180)` looks like.

```
.text, #text, p{  
    color:rgb(188, 233, 180)  
}
```

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(188, 233, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 233, 180) }
```

Border

The CSS property to change the border of an element to RYB 180, 233, 225 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(188, 233, 180) }
```

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

```
.border{ border-color:rgb(188, 233, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 233, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 233, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 233, 180);  
box-shadow:4px 4px 4px 4px rgb(188, 233,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 180, 233, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 233, 180) }
```

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

```
.background{ background-color: rgb(188,  
233, 180) }
```

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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