

Converting Colors

`RYB(176, 244, 223)`

Have a look what the booklet for
RYB(176, 244, 223) contains.

RYB(176, 244, 223)	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(176, 244, 223)

Conversions

Conversions Part 1

Format	Color
Hex	C5F4B0
RGB	197, 244, 176
RGB Percent	77%, 96%, 69%
CMY	0.2275, 0.0431, 0.3098
CMYK	0.19, 0.00, 0.28, 0.04
HSL	101°, 76%, 82%
HSV	101°, 28%, 96%
XYZ	63.2131, 79.7063, 53.1275
YIQ	222.1950, -6.1840, -31.1120

Conversions

Conversions Part 2

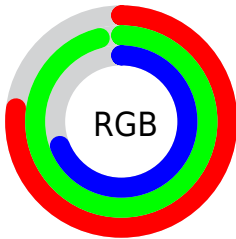
Format	Color
RYB	176, 244, 223
Decimal	12973232
CIELab	91.55, -27.15, 27.98
CIElCh	92, 38.989, 134.132
Yxy	79.7063, 0.3224, 0.4066
Android (android.graphics.Color)	4291163312 (0xFFC5F4B0)
YUV	222.1950, -22.7741, -22.0960
Hunter-Lab	89.2784, -29.8511, 27.2128

Details

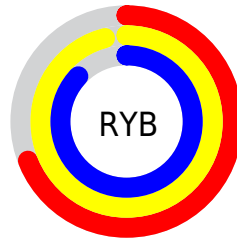
The RYB color **176, 244, 223** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **223, 176, 244**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **232, 255, 233**, and **123, 188, 169** is the 20% darker color. If you saturate the color by 10%, you get **152, 244, 216**, and if you desaturate by 10%, it is **200, 244, 230**.

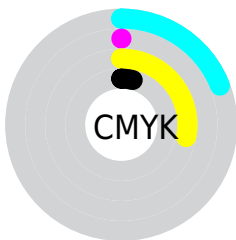
Distribution



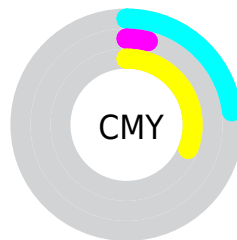
- Red (77%)
- Green (96%)
- Blue (69%)



- Red (69%)
- Yellow (96%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (28%)
- Black (4%)



- Cyan (23%)
- Magenta (4%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 244, 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 RYB color 176, 244, 223 by changing the saturation by 10% instead.

 176, 244, 223


255, 255, 255


 232, 255, 233


 176, 244, 223

 149, 215, 195

 123, 188, 169


 98, 160, 142


 73, 134, 117

 50, 109, 94

 27, 84, 70

 3, 60, 48

 0, 38, 38

 0, 11, 11

■ 176, 244, 223

■ 176, 244, 223

■ 152, 244, 216

■ 200, 244, 230

■ 127, 244, 208

■ 225, 244, 238

■ 103, 244, 201

■ 248, 244, 249

■ 78, 244, 192

■ 255, 244, 255

■ 54, 244, 185

■ 30, 244, 178

■ 5, 244, 170

■ 0, 244, 169

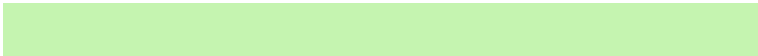
Harmonies

Analogous

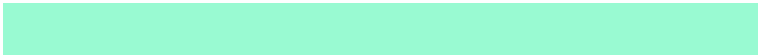
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



163, 239, 158



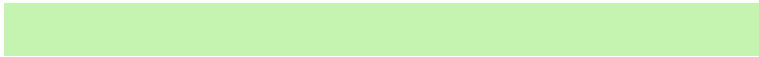
176, 244, 223



153, 214, 250

Triad

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



176, 244, 223



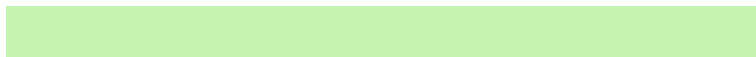
152, 199, 255



255, 203, 214

Complementary

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



176, 244, 223



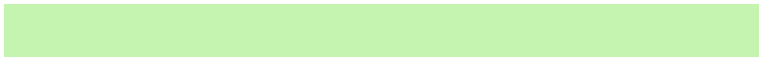
223, 176, 244

Split Complementary

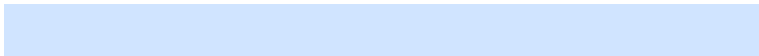
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 205, 252



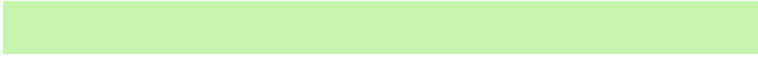
176, 244, 223



208, 222, 255

Square

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



176, 244, 223



111, 181, 255



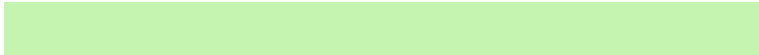
255, 215, 255



255, 230, 180

Rectangle

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



176, 244, 223



126, 193, 251



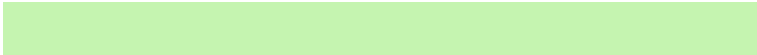
255, 215, 255



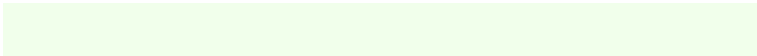
255, 203, 227

Sweetspot

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



176, 244, 223



235, 255, 249



209, 244, 176



115, 128, 124



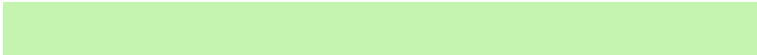
0, 0, 0



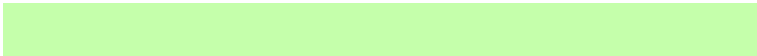
128, 128, 128

Same Dimension

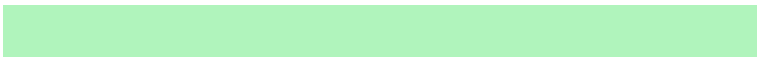
The Same Dimension uses a secret algorithm to generate beautiful new colors.



176, 244, 223



171, 255, 229



176, 234, 244



110, 122, 118



0, 186, 129



0, 59, 41

Inverse Universe

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



223, 176, 244



229, 171, 255



244, 176, 232



119, 110, 122



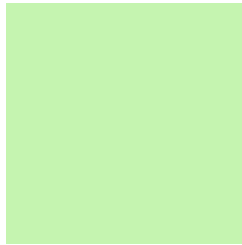
129, 0, 186



41, 0, 59

Previews

White Background



This preview shows how the RYB color 176, 244, 223 looks on a white background.

Color Contrast Check

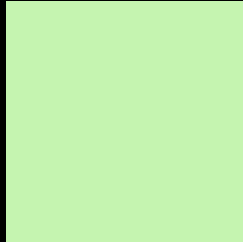
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 176, 244, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

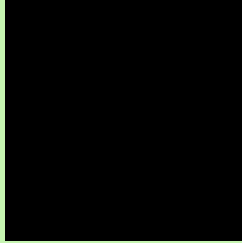
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

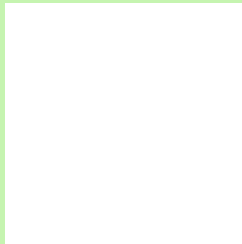
Any Text WCAG AAA ✓ Pass

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

RYB 176, 244, 223 Background



This preview shows how black text looks on a background with the RYB color 176, 244, 223.

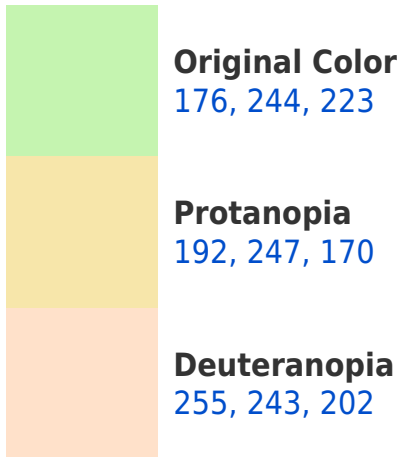


This preview shows how white text looks on a background with the RYB color 176, 244, 223.

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





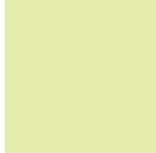
Tritanopia
209, 225, 253

Trichromacy



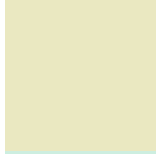
Original Color

176, 244, 223



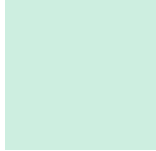
Protanomaly

172, 235, 178



Deuteranomaly

195, 234, 193



Tritanomaly

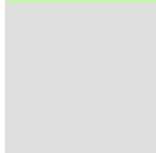
205, 226, 238

Monochromacy



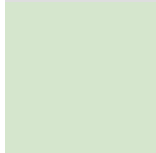
Original Color

176, 244, 223



Achromatopsia

222, 222, 222



Achromatomaly

205, 230, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 244, 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(197, 244, 176)` looks like.

```
.text, #text, p{  
    color:rgb(197, 244, 176)  
}
```

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(197, 244, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 244, 176) }
```

Border

The CSS property to change the border of an element to RYB 176, 244, 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(197, 244, 176) }
```

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

```
.border{ border-color:rgb(197, 244, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 244, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 244, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 244, 176);  
box-shadow:4px 4px 4px 4px rgb(197, 244,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 176, 244, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 244, 176) }
```

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

```
.background{ background-color: rgb(197,  
244, 176) }
```

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