

Converting Colors

`RYB(185, 220, 224)`

Have a look what the booklet for
RYB(185, 220, 224) contains.

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Color

R_YB(185, 220, 224)

Conversions

Conversions Part 1

Format	Color
Hex	B9E0BD
RGB	185, 224, 189
RGB Percent	73%, 88%, 74%
CMY	0.2745, 0.1216, 0.2570
CMYK	0.17, 0.00, 0.15, 0.12
HSL	127°, 39%, 80%
HSV	127°, 17%, 88%
XYZ	55.8983, 67.3196, 58.4525
YIQ	208.3490, -12.0090, -19.1530

Conversions

Conversions Part 2

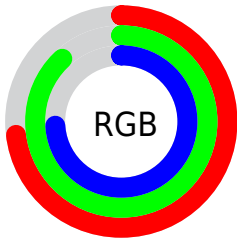
Format	Color
RYB	185, 220, 224
Decimal	12181693
CIELab	85.67, -19.30, 12.74
CIELCh	86, 23.124, 146.574
Yxy	67.3196, 0.3077, 0.3706
Android (android.graphics.Color)	4290371773 (0xFFB9E0BD)
YUV	208.3490, -9.5391, -20.4771
Hunter-Lab	82.0485, -21.9759, 15.1949

Details

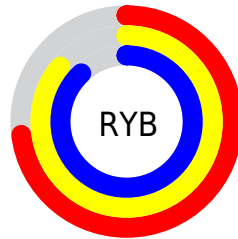
The RYB color **185, 220, 224** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **224, 185, 220**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **241, 252, 255**, and **131, 165, 169** is the 20% darker color. If you saturate the color by 10%, you get **163, 218, 224**, and if you desaturate by 10%, it is **207, 222, 224**.

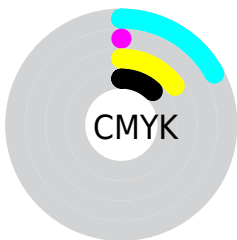
Distribution



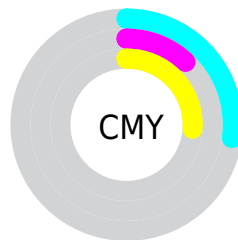
- Red (73%)
- Green (88%)
- Blue (74%)



- Red (73%)
- Yellow (86%)
- Blue (88%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)



- Cyan (27%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 220, 224 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 185, 220, 224 by changing the saturation by 10% instead.


 185, 220, 224

255, 255, 255


 241, 251, 255

 185, 220, 224

 158, 192, 196


 131, 165, 169

 106, 138, 142

 81, 112, 116

 57, 87, 92

 34, 62, 68

 11, 38, 45

 0, 26, 26

 0, 0, 0

 185, 220, 224

 185, 220, 224

 163, 218, 224

 207, 222, 224

 140, 215, 224

 230, 224, 229

 118, 213, 224

 252, 224, 249

 95, 211, 224

 255, 224, 255

 73, 209, 224

 51, 207, 224

 28, 203, 224

 6, 202, 224

 0, 201, 224

Harmonies

Analogous

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



175, 219, 184



185, 220, 224



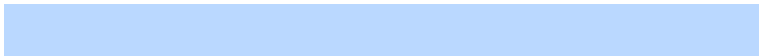
164, 200, 227

Triad

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



185, 220, 224



186, 207, 255



255, 200, 196

Complementary

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



185, 220, 224



224, 185, 220

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, 199, 218



185, 220, 224



215, 209, 253

Square

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



185, 220, 224



162, 198, 250



240, 203, 239



251, 221, 178

Rectangle

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



185, 220, 224



156, 192, 227



240, 203, 239



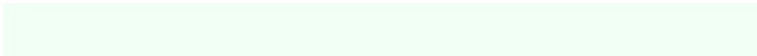
255, 199, 203

Sweetspot

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



185, 220, 224



242, 253, 255



185, 224, 189



120, 127, 128



0, 0, 0



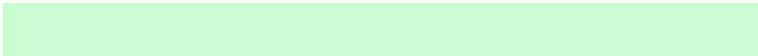
128, 128, 128

Same Dimension

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



185, 220, 224



201, 249, 255



185, 210, 224



101, 111, 112



0, 158, 176



0, 43, 48

Inverse Universe

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



224, 185, 220



255, 201, 249



224, 185, 201



112, 101, 111



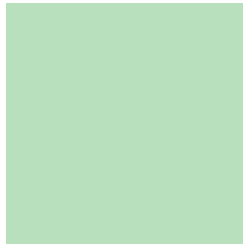
176, 0, 156



48, 0, 43

Previews

White Background



This preview shows how the RYB color 185, 220, 224 looks on a white background.

Color Contrast Check

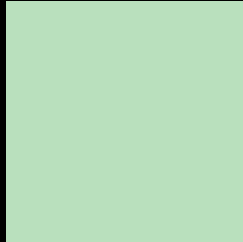
Large Text (above 18pt) WCAG AA × Fail

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 185, 220, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

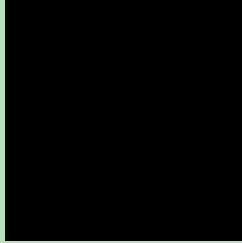
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

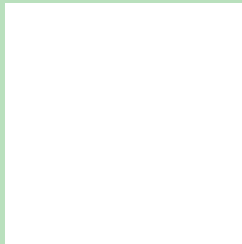
Any Text WCAG AAA ✓ Pass

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

RYB 185, 220, 224 Background



This preview shows how black text looks on a background with the RYB color 185, 220, 224.

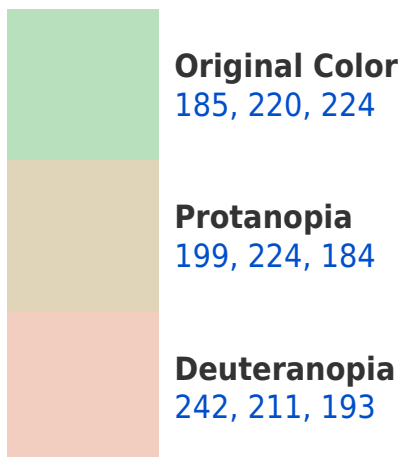


This preview shows how white text looks on a background with the RYB color 185, 220, 224.

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





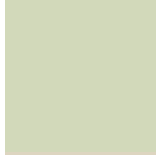
Tritanopia
193, 209, 235

Trichromacy



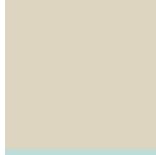
Original Color

185, 220, 224



Protanomaly

186, 217, 193



Deuteranomaly

203, 221, 192



Tritanomaly

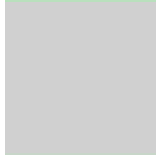
190, 206, 220

Monochromacy



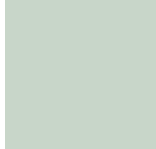
Original Color

185, 220, 224



Achromatopsia

208, 208, 208



Achromatomaly

200, 213, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 220, 224 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(185, 224, 189)` looks like.

```
.text, #text, p{  
    color:rgb(185, 224, 189)  
}
```

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(185, 224, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 224, 189) }
```

Border

The CSS property to change the border of an element to RYB 185, 220, 224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

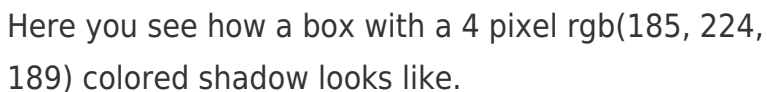
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 224, 189) }
```

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

```
.border{ border-color:rgb(185, 224, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 224, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 224, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 224, 189); box-shadow:4px 4px 4px 4px rgb(185, 224, 189) }
```

Background

The CSS property to change the background color of an element to RYB 185, 220, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 224, 189) }
```

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

```
.background{ background-color: rgb(185,  
224, 189) }
```

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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