

Converting Colors

`RYB(185, 224, 212)`

Have a look what the booklet for
RYB(185, 224, 212) contains.

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Color

R_YB(185, 224, 212)

Conversions

Conversions Part 1

Format	Color
Hex	C5E0B9
RGB	197, 224, 185
RGB Percent	77%, 88%, 73%
CMY	0.2275, 0.1216, 0.2745
CMYK	0.12, 0.00, 0.17, 0.12
HSL	102°, 39%, 80%
HSV	102°, 17%, 88%
XYZ	58.4386, 68.6844, 56.0763
YIQ	211.4810, -3.5730, -17.8530

Conversions

Conversions Part 2

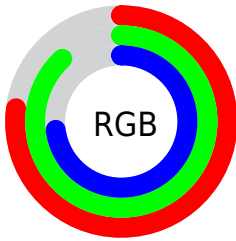
Format	Color
RYB	185, 224, 212
Decimal	12968121
CIELab	86.35, -15.99, 16.15
CIELCh	86, 22.724, 134.716
Yxy	68.6844, 0.3190, 0.3749
Android (android.graphics.Color)	4291158201 (0xFFC5E0B9)
YUV	211.4810, -13.0551, -12.6998
Hunter-Lab	82.8761, -19.1670, 17.8959

Details

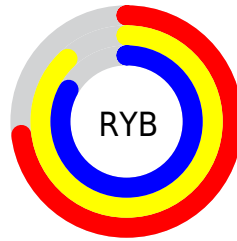
The RYB color **185, 224, 212** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **212, 185, 224**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **241, 255, 242**, and **132, 169, 158** is the 20% darker color. If you saturate the color by 10%, you get **163, 224, 206**, and if you desaturate by 10%, it is **207, 224, 218**.

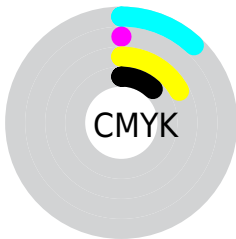
Distribution



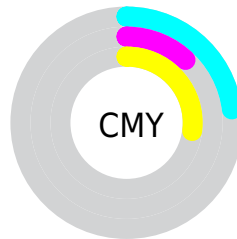
- Red (77%)
- Green (88%)
- Blue (73%)



- Red (73%)
- Yellow (88%)
- Blue (83%)



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



- Cyan (23%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 224, 212 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, 224, 212 by changing the saturation by 10% instead.

 185, 224, 212

255, 255, 255


 241, 255, 242

 185, 224, 212

 158, 196, 184

 132, 169, 158

 107, 142, 132

 82, 117, 107

 59, 92, 83

 37, 68, 60

 16, 46, 39

 0, 26, 26

 0, 0, 0

 185, 224, 212

 185, 224, 212

 163, 224, 206

 207, 224, 218

 140, 224, 198

 228, 224, 230

 118, 224, 192

 244, 224, 252

 95, 224, 184

 255, 224, 255

 73, 224, 178

 51, 224, 171

 28, 224, 164

 6, 224, 157

 0, 224, 155

Harmonies

Analogous

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



178, 222, 174



185, 224, 212



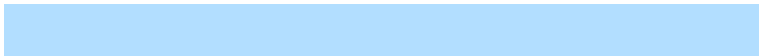
174, 209, 228

Triad

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



185, 224, 212



178, 206, 255



255, 201, 206

Complementary

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



185, 224, 212



212, 185, 224

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.



253, 202, 228



185, 224, 212



205, 213, 255

Square

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



185, 224, 212



160, 197, 246



233, 207, 247



255, 211, 187

Rectangle

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



185, 224, 212



163, 199, 229



233, 207, 247



255, 201, 213

Sweetspot

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



185, 224, 212



242, 255, 251



202, 224, 185



120, 128, 126



0, 0, 0



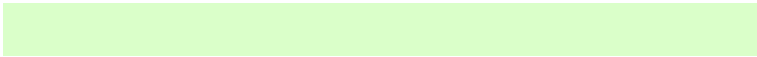
128, 128, 128

Same Dimension

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



185, 224, 212



201, 255, 238



185, 218, 224



101, 112, 109



0, 176, 122



0, 48, 33

Inverse Universe

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



212, 185, 224



239, 201, 255



224, 185, 217



109, 101, 112



122, 0, 176



34, 0, 48

Previews

White Background



This preview shows how the RYB color 185, 224, 212 looks on a white background.

Color Contrast Check

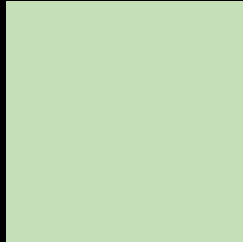
Large Text (above 18pt) WCAG AA × Fail

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, 224, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

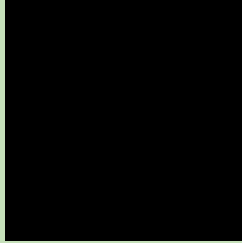
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

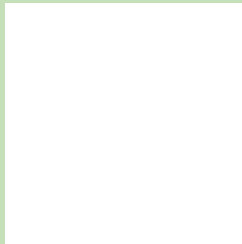
Any Text WCAG AAA ✓ Pass

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

RYB 185, 224, 212 Background



This preview shows how black text looks on a background with the RYB color 185, 224, 212.



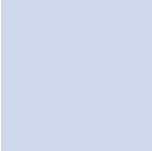
This preview shows how white text looks on a background with the RYB color 185, 224, 212.

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](#).

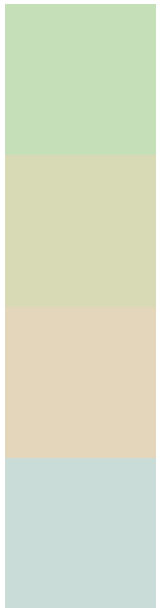
Dichromacy





Tritanopia
205, 213, 234

Trichromacy



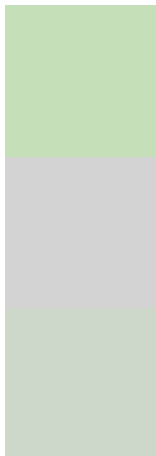
Original Color
185, 224, 212

Protanomaly
182, 218, 184

Deuteranomaly
208, 228, 187

Tritanomaly
202, 212, 220

Monochromacy



Original Color
185, 224, 212

Achromatopsia
211, 211, 211

Achromatomaly
202, 216, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 224, 212 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, 224, 185)` looks like.

```
.text, #text, p{  
    color:rgb(197, 224, 185)  
}
```

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, 224, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 224, 185) }
```

Border

The CSS property to change the border of an element to RYB 185, 224, 212 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, 224, 185) }
```

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

```
.border{ border-color:rgb(197, 224, 185) }
```

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

Here you see how a box with a 4 pixel rgb(197, 224, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 224, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 224, 185);  
box-shadow:4px 4px 4px 4px rgb(197, 224,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 185, 224, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 224, 185) }
```

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

```
.background{ background-color: rgb(197,  
224, 185) }
```

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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