

Converting Colors

`RYB(202, 225, 220)`

Have a look what the booklet for
RYB(202, 225, 220) contains.

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Color

R_{YB}(202, 225, 220)

Conversions

Conversions Part 1

Format	Color
Hex	CFE1CA
RGB	207, 225, 202
RGB Percent	81%, 88%, 79%
CMY	0.1882, 0.1176, 0.2078
CMYK	0.08, 0.00, 0.10, 0.12
HSL	107°, 28%, 84%
HSV	107°, 10%, 88%
XYZ	63.3180, 71.3801, 66.3176
YIQ	216.9960, -3.3450, -10.9690

Conversions

Conversions Part 2

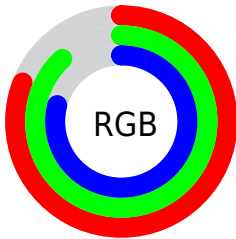
Format	Color
R _Y B	202, 225, 220
Decimal	13623754
CIE Lab	87.67, -10.17, 9.21
CIE LCh	88, 13.717, 137.836
Yxy	71.3801, 0.3150, 0.3551
Android (android.graphics.Color)	4291813834 (0xFFCFE1CA)
YUV	216.9960, -7.3930, -8.7665
Hunter-Lab	84.4867, -14.0762, 12.6012

Details

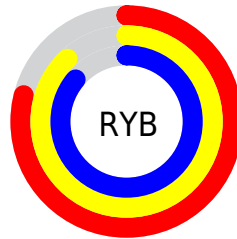
The RYB color **202, 225, 220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **220, 202, 225**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 255**, and **148, 170, 165** is the 20% darker color. If you saturate the color by 10%, you get **179, 225, 215**, and if you desaturate by 10%, it is **225, 225, 225**.

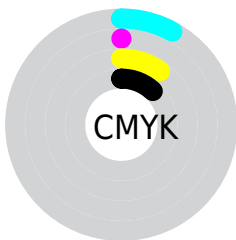
Distribution



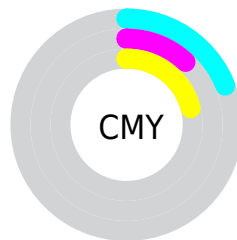
- Red (81%)
- Green (88%)
- Blue (79%)



- Red (79%)
- Yellow (88%)
- Blue (86%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (19%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 225, 220 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 202, 225, 220 by changing the saturation by 10% instead.

■ 202, 225, 220

255, 255, 255

■ 202, 225, 220

■ 175, 197, 193

■ 148, 170, 165

■ 122, 143, 138

■ 97, 118, 113

■ 74, 93, 90

■ 51, 69, 66

■ 30, 47, 44

■ 5, 26, 19

■ 0, 0, 0

 202, 225, 220

 202, 225, 220

 179, 225, 215

 225, 225, 225

 157, 225, 210

 242, 225, 247

 134, 225, 205

 255, 225, 255

 112, 225, 200

 89, 225, 195

 67, 225, 191

 44, 225, 185

 22, 225, 181

 0, 225, 176

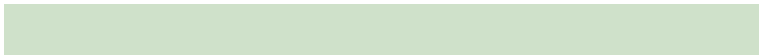
Harmonies

Analogous

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



196, 222, 195



202, 225, 220



194, 215, 227

Triad

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



202, 225, 220



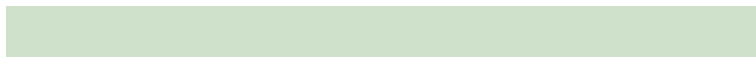
200, 215, 245



248, 211, 212

Complementary

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



202, 225, 220



220, 202, 225

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.



243, 211, 226



202, 225, 220



216, 218, 244

Square

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



202, 225, 220



189, 210, 239



232, 214, 237



245, 218, 201

Rectangle

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



202, 225, 220



189, 210, 228



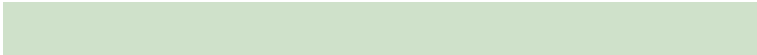
232, 214, 237



247, 211, 217

Sweetspot

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



202, 225, 220



247, 255, 253



208, 225, 202



122, 128, 126



0, 0, 0



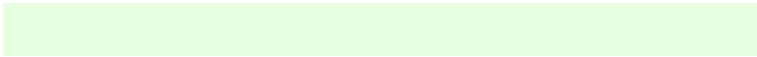
128, 128, 128

Same Dimension

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



202, 225, 220



224, 255, 248



202, 220, 225



101, 112, 110



0, 176, 138



0, 48, 37

Inverse Universe

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



220, 202, 225



248, 224, 255



225, 202, 219



110, 101, 112



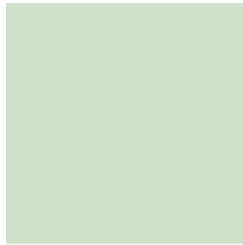
138, 0, 176



38, 0, 48

Previews

White Background



This preview shows how the RYB color 202, 225, 220 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 202, 225, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

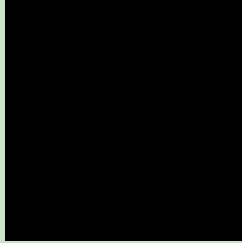
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

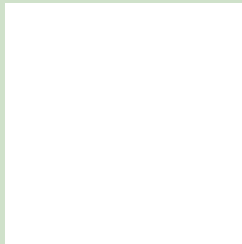
Any Text WCAG AAA ✓ Pass

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

R/Y/B 202, 225, 220 Background



This preview shows how black text looks on a background with the RYB color 202, 225, 220.

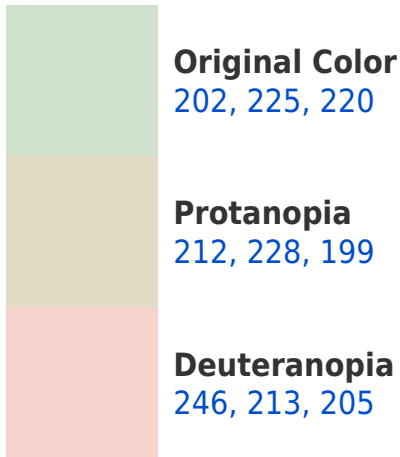


This preview shows how white text looks on a background with the RYB color 202, 225, 220.

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](#).

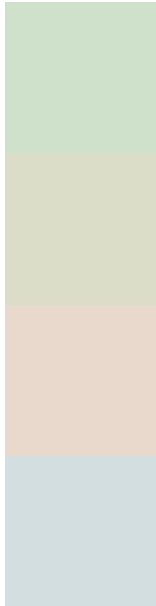
Dichromacy





Tritanopia
213, 218, 237

Trichromacy



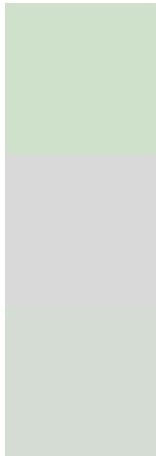
Original Color
202, 225, 220

Protanomaly
200, 221, 201

Deuteranomaly
232, 228, 204

Tritanomaly
211, 217, 224

Monochromacy



Original Color
202, 225, 220

Achromatopsia
217, 217, 217

Achromatomaly
212, 220, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 225, 220 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(207, 225, 202)` looks like.

```
.text, #text, p{  
    color:rgb(207, 225, 202)  
}
```

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(207, 225, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 225, 202) }
```

Border

The CSS property to change the border of an element to RYB 202, 225, 220 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(207, 225, 202) }
```

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

```
.border{ border-color:rgb(207, 225, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 225, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 225, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 225, 202);  
box-shadow:4px 4px 4px 4px rgb(207, 225,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 202, 225, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 225, 202) }
```

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

```
.background{ background-color: rgb(207,  
225, 202) }
```

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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