

Converting Colors

`RYB(202, 232, 225)`

Have a look what the booklet for
RYB(202, 232, 225) contains.

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Color

RYB(202, 232, 225)

Conversions

Conversions Part 1

Format	Color
Hex	D1E8CA
RGB	209, 232, 202
RGB Percent	82%, 91%, 79%
CMY	0.1804, 0.0902, 0.2078
CMYK	0.10, 0.00, 0.13, 0.09
HSL	106°, 39%, 85%
HSV	106°, 13%, 91%
XYZ	65.8118, 75.5328, 66.9878
YIQ	221.7030, -4.0780, -14.2060

Conversions

Conversions Part 2

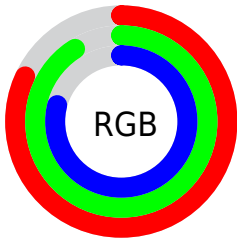
Format	Color
R _Y B	202, 232, 225
Decimal	13756618
CIE Lab	89.64, -13.01, 12.04
CIE LCh	90, 17.727, 137.221
Yxy	75.5328, 0.3159, 0.3626
Android (android.graphics.Color)	4291946698 (0xFFD1E8CA)
YUV	221.7030, -9.7136, -11.1405
Hunter-Lab	86.9096, -16.9238, 15.1375

Details

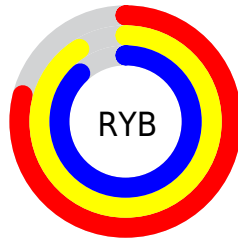
The RYB color **202, 232, 225** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **225, 202, 232**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **148, 176, 170** is the 20% darker color. If you saturate the color by 10%, you get **179, 232, 220**, and if you desaturate by 10%, it is **225, 232, 230**.

Distribution



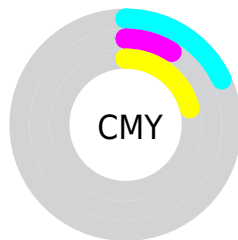
- Red (82%)
- Green (91%)
- Blue (79%)



- Red (79%)
- Yellow (91%)
- Blue (88%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 232, 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 202, 232, 225 by changing the saturation by 10% instead.

■ 202, 232, 225

255, 255, 255

■ 202, 232, 225

■ 175, 204, 198

■ 148, 176, 170

■ 122, 150, 144

■ 97, 124, 118

■ 73, 99, 93

■ 51, 75, 70

■ 29, 52, 47

■ 5, 31, 22

■ 0, 0, 0

 202, 232, 225

 202, 232, 225

 179, 232, 220

 225, 232, 230

 156, 232, 215

 245, 232, 248

 132, 232, 208

 255, 232, 255

 109, 232, 203

 86, 232, 198

 63, 232, 193

 40, 232, 188

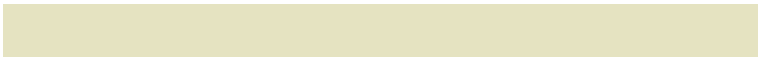
 16, 232, 181

 0, 232, 178

Harmonies

Analogous

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



195, 229, 193



202, 232, 225



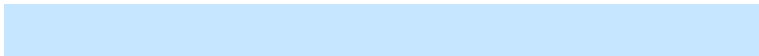
192, 219, 235

Triad

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



202, 232, 225



198, 218, 255



255, 214, 216

Complementary

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



202, 232, 225



225, 202, 232

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, 214, 233



202, 232, 225



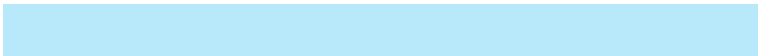
219, 223, 255

Square

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



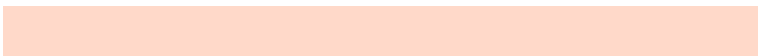
202, 232, 225



184, 212, 250



240, 218, 248



255, 224, 201

Rectangle

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



202, 232, 225



184, 211, 235



240, 218, 248



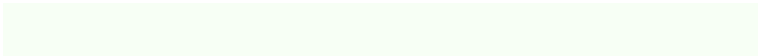
255, 214, 222

Sweetspot

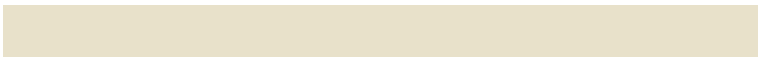
The Sweet Spot groups the original color and five complimentary colors.



202, 232, 225



245, 255, 253



211, 232, 202



121, 128, 126



0, 0, 0



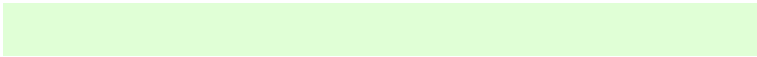
128, 128, 128

Same Dimension

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



202, 232, 225



214, 255, 245



202, 226, 232



103, 115, 112



0, 179, 137



0, 51, 39

Inverse Universe

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



225, 202, 232



245, 214, 255



232, 202, 224



112, 103, 115



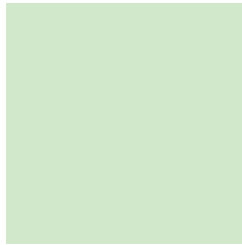
137, 0, 179



39, 0, 51

Previews

White Background



This preview shows how the RYB color 202, 232, 225 looks on a white background.

Color Contrast Check

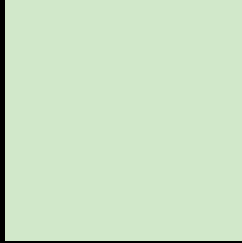
Large Text (above 18pt) WCAG AA × Fail

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 202, 232, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

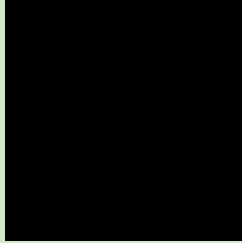
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

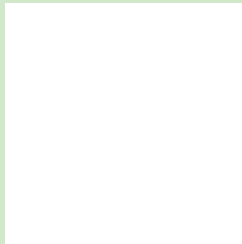
Any Text WCAG AAA ✓ Pass

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

R/Y/B 202, 232, 225 Background



This preview shows how black text looks on a background with the R/Y/B color 202, 232, 225.

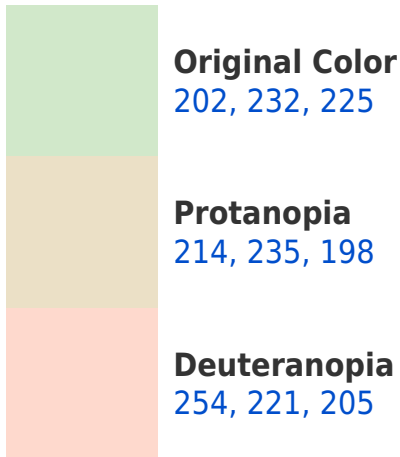


This preview shows how white text looks on a background with the R/Y/B color 202, 232, 225.

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

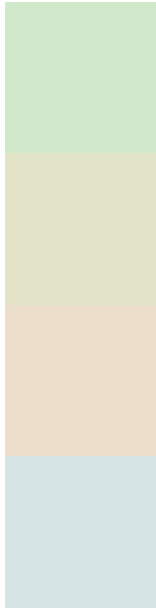




Tritanopia

216, 223, 244

Trichromacy



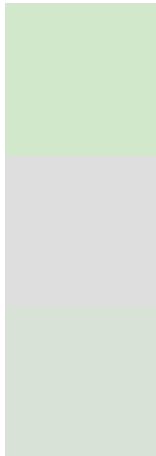
Original Color
202, 232, 225

Protanomaly
199, 227, 200

Deuteranomaly
234, 238, 204

Tritanomaly
213, 221, 229

Monochromacy



Original Color
202, 232, 225

Achromatopsia
222, 222, 222

Achromatomaly
215, 226, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 232, 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(209, 232, 202) looks like.

```
.text, #text, p{  
    color:rgb(209, 232, 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(209, 232, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 232, 202) }
```

Border

The CSS property to change the border of an element to RYB 202, 232, 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(209, 232, 202) }
```

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

```
.border{ border-color:rgb(209, 232, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 232, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 232, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 232, 202);  
box-shadow:4px 4px 4px 4px rgb(209, 232,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 202, 232, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 232, 202) }
```

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

```
.background{ background-color: rgb(209,  
232, 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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