

Converting Colors

`RYB(211, 227, 224)`

Have a look what the booklet for
RYB(211, 227, 224) contains.

RYB(211, 227, 224)	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(211, 227, 224)

Conversions

Conversions Part 1

Format	Color
Hex	D6E3D3
RGB	214, 227, 211
RGB Percent	84%, 89%, 83%
CMY	0.1608, 0.1098, 0.1725
CMYK	0.06, 0.00, 0.07, 0.11
HSL	109°, 22%, 86%
HSV	109°, 7%, 89%
XYZ	66.9585, 73.9375, 72.3703
YIQ	221.2890, -2.6120, -7.7320

Conversions

Conversions Part 2

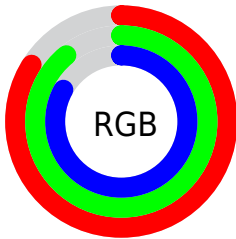
Format	Color
R_{YB}	211, 227, 224
Decimal	14083027
CIE Lab	88.89, -7.23, 6.31
CIE LCh	89, 9.594, 138.883
Yxy	73.9375, 0.3140, 0.3467
Android (android.graphics.Color)	4292273107 (0xFFD6E3D3)
YUV	221.2890, -5.0725, -6.3925
Hunter-Lab	85.9869, -11.4780, 10.2898

Details

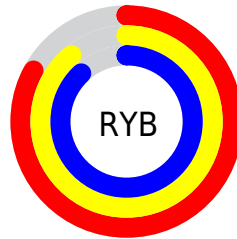
The RYB color **211, 227, 224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **224, 211, 227**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **157, 172, 170** is the 20% darker color. If you saturate the color by 10%, you get **188, 227, 219**, and if you desaturate by 10%, it is **232, 227, 234**.

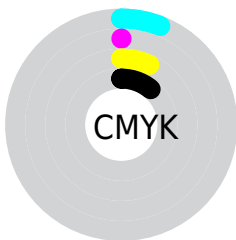
Distribution



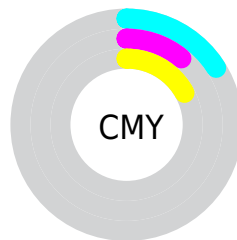
- Red (84%)
- Green (89%)
- Blue (83%)



- Red (83%)
- Yellow (89%)
- Blue (88%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 227, 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 211, 227, 224 by changing the saturation by 10% instead.

■ 211, 227, 224

255, 255, 255

■ 211, 227, 224

■ 183, 199, 196

■ 157, 172, 170

■ 130, 145, 142

■ 105, 119, 116

■ 81, 95, 92

■ 58, 71, 69

■ 37, 49, 47

■ 16, 28, 26

■ 0, 0, 0

 211, 227, 224

 211, 227, 224

 188, 227, 219

 232, 227, 234

 166, 227, 216

 251, 227, 255

 143, 227, 211

 255, 227, 255

 120, 227, 207

 98, 227, 203

 75, 227, 199

 52, 227, 194

 29, 227, 190

 7, 227, 186

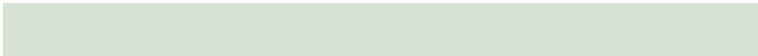
Harmonies

Analogous

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



207, 225, 206



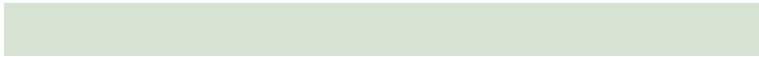
211, 227, 224



205, 220, 229

Triad

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



211, 227, 224



210, 220, 241



243, 217, 218

Complementary

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



211, 227, 224



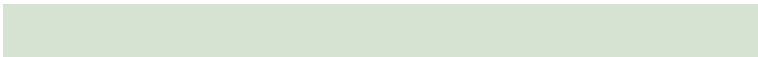
224, 211, 227

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.



240, 217, 227



211, 227, 224



221, 222, 240

Square

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



211, 227, 224



203, 217, 237



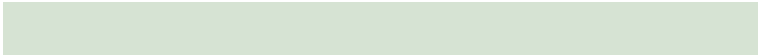
232, 219, 235



241, 223, 210

Rectangle

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



211, 227, 224



202, 216, 229



232, 219, 235



243, 217, 221

Sweetspot

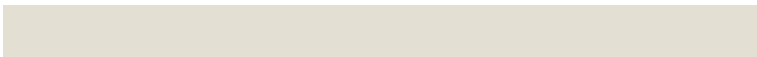
The Sweet Spot groups the original color and five complimentary colors.



211, 227, 224



250, 255, 254



215, 227, 211



125, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



211, 227, 224



235, 255, 252



211, 223, 227



103, 115, 113



0, 179, 146



0, 51, 41

Inverse Universe

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



224, 211, 227



251, 235, 255



227, 211, 222



113, 103, 115



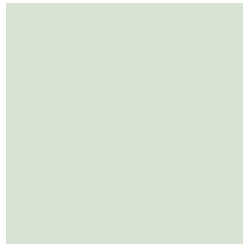
145, 0, 179



41, 0, 51

Previews

White Background



This preview shows how the RYB color 211, 227, 224 looks on a white background.

Color Contrast Check

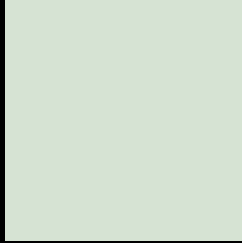
Large Text (above 18pt) WCAG AA × Fail

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 211, 227, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

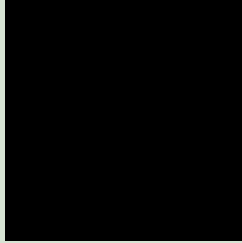
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

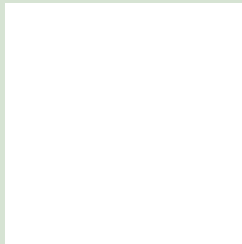
Any Text WCAG AAA ✓ Pass

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

R Y B 211, 227, 224 Background



This preview shows how black text looks on a background with the R Y B color 211, 227, 224.



This preview shows how white text looks on a background with the R Y B color 211, 227, 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
219, 222, 240

Trichromacy



Original Color

211, 227, 224

Protanomaly

209, 224, 209

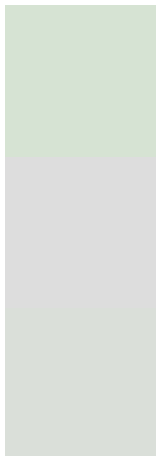
Deuteranomaly

236, 222, 212

Tritanomaly

217, 221, 229

Monochromacy



Original Color

211, 227, 224

Achromatopsia

221, 221, 221

Achromatomaly

217, 223, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 227, 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(214, 227, 211)` looks like.

```
.text, #text, p{  
    color:rgb(214, 227, 211)  
}
```

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(214, 227, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 227, 211) }
```

Border

The CSS property to change the border of an element to RYB 211, 227, 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(214, 227, 211) }
```

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

```
.border{ border-color:rgb(214, 227, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 227, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 227, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 227, 211);  
box-shadow:4px 4px 4px 4px rgb(214, 227,  
211) }
```

Background

The CSS property to change the background color of an element to RYB 211, 227, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 227, 211) }
```

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

```
.background{ background-color: rgb(214,  
227, 211) }
```

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