

Converting Colors

`RYB(210, 227, 221)`

Have a look what the booklet for
RYB(210, 227, 221) contains.

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Color

RYB(210, 227, 221)

Conversions

Conversions Part 1

Format	Color
Hex	D8E3D2
RGB	216, 227, 210
RGB Percent	85%, 89%, 82%
CMY	0.1529, 0.1098, 0.1765
CMYK	0.05, 0.00, 0.07, 0.11
HSL	99°, 23%, 86%
HSV	99°, 7%, 89%
XYZ	67.4208, 74.1902, 71.7395
YIQ	221.7730, -1.0990, -7.6190

Conversions

Conversions Part 2

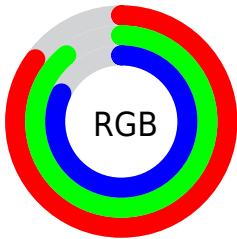
Format	Color
RYB	210, 227, 221
Decimal	14214098
CIELab	89.01, -6.72, 7.02
CIELCh	89, 9.721, 133.739
Yxy	74.1902, 0.3160, 0.3477
Android (android.graphics.Color)	4292404178 (0xFFD8E3D2)
YUV	221.7730, -5.8041, -5.0629
Hunter-Lab	86.1338, -11.0139, 10.9119

Details

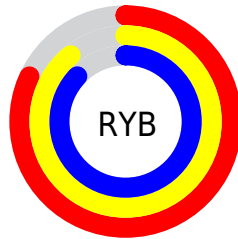
The RYB color **210, 227, 221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **221, 210, 227**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **156, 172, 167** is the 20% darker color. If you saturate the color by 10%, you get **187, 227, 213**, and if you desaturate by 10%, it is **231, 227, 233**.

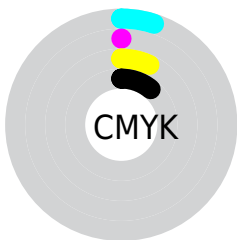
Distribution



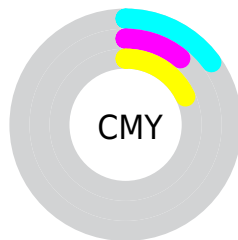
- Red (85%)
- Green (89%)
- Blue (82%)



- Red (82%)
- Yellow (89%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 227, 221 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 210, 227, 221 by changing the saturation by 10% instead.

■ 210, 227, 221

255, 255, 255

■ 210, 227, 221

■ 182, 199, 193

■ 156, 172, 167

■ 130, 145, 140

■ 104, 119, 113

■ 80, 95, 90

■ 57, 71, 66

■ 36, 49, 45


■ 15, 28, 23

■ 0, 0, 0

 210, 227, 221

 210, 227, 221

 187, 227, 213

 231, 227, 233

 165, 227, 205

 245, 227, 255

 142, 227, 197

 255, 227, 255

 119, 227, 189

 96, 227, 180

 74, 227, 173

 51, 227, 165

 28, 227, 157

 6, 227, 149

Harmonies

Analogous

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



210, 227, 206



210, 227, 221



207, 222, 229

Triad

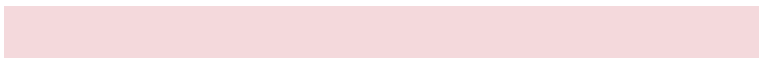
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210, 227, 221



209, 220, 241



244, 217, 220

Complementary

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



210, 227, 221



221, 210, 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, 218, 229



210, 227, 221



219, 222, 241

Square

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



210, 227, 221



202, 217, 236



231, 220, 237



243, 222, 211

Rectangle

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



210, 227, 221



202, 217, 229



231, 220, 237



243, 217, 223

Sweetspot

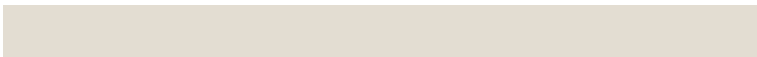
The Sweet Spot groups the original color and five complimentary colors.



210, 227, 221



250, 255, 253



219, 227, 210



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



210, 227, 221



232, 255, 247



210, 225, 227



103, 115, 111



0, 179, 116



0, 51, 33

Inverse Universe

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



221, 210, 227



247, 232, 255



227, 210, 225



111, 103, 115



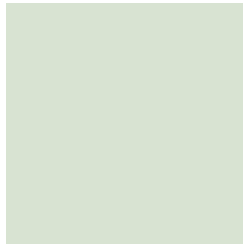
115, 0, 179



33, 0, 51

Previews

White Background



This preview shows how the RYB color 210, 227, 221 looks on a white background.

Color Contrast Check

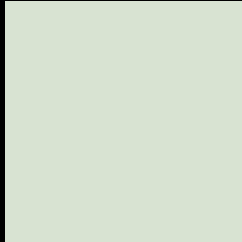
Large Text (above 18pt) WCAG AA × Fail

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 210, 227, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

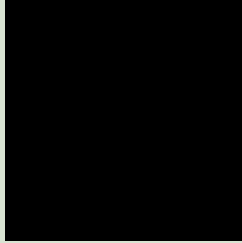
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

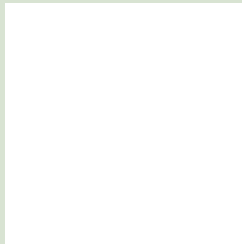
Any Text WCAG AAA ✓ Pass

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

RYB 210, 227, 221 Background



This preview shows how black text looks on a background with the RYB color 210, 227, 221.



This preview shows how white text looks on a background with the RYB color 210, 227, 221.

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

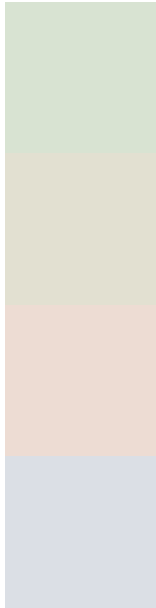




Tritanopia

221, 223, 240

Trichromacy



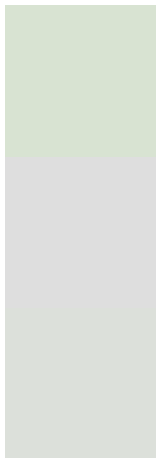
Original Color
210, 227, 221

Protanomaly
211, 226, 209

Deuteranomaly
237, 225, 211

Tritanomaly
219, 222, 229

Monochromacy



Original Color
210, 227, 221

Achromatopsia
222, 222, 222

Achromatomaly
218, 224, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 227, 221 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(216, 227, 210) looks like.

```
.text, #text, p{  
    color:rgb(216, 227, 210)  
}
```

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(216, 227, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 227, 210) }
```

Border

The CSS property to change the border of an element to RYB 210, 227, 221 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(216, 227, 210) }
```

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

```
.border{ border-color:rgb(216, 227, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 227, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 227, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 227, 210);  
box-shadow:4px 4px 4px 4px rgb(216, 227,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 210, 227, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 227, 210) }
```

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

```
.background{ background-color: rgb(216,  
227, 210) }
```

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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