

Converting Colors

`RYB(211, 220, 228)`

Have a look what the booklet for RYB(211, 220, 228) contains.

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Color

R_YB(211, 220, 228)

Conversions

Conversions Part 1

Format	Color
Hex	D3E4E2
RGB	211, 228, 226
RGB Percent	83%, 89%, 89%
CMY	0.1725, 0.1059, 0.1133
CMYK	0.07, 0.00, 0.01, 0.11
HSL	173°, 24%, 86%
HSV	173°, 7%, 89%
XYZ	68.3501, 74.8328, 82.8732
YIQ	222.6890, -9.4900, -4.2260

Conversions

Conversions Part 2

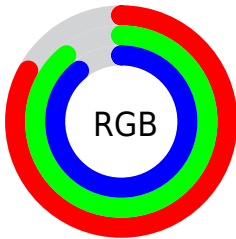
Format	Color
R _Y B	211, 220, 228
Decimal	13886690
CIE Lab	89.31, -5.98, -1.03
CIE LCh	89, 6.072, 189.755
Yxy	74.8328, 0.3024, 0.3310
Android (android.graphics.Color)	4292076770 (0xFFD3E4E2)
YUV	222.6890, 1.6323, -10.2513
Hunter-Lab	86.5059, -10.3489, 3.7540

Details

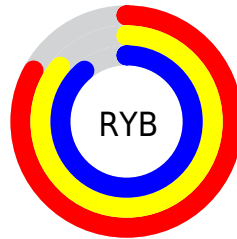
The RYB color **211, 220, 228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **228, 211, 213**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **156, 165, 173** is the 20% darker color. If you saturate the color by 10%, you get **188, 209, 228**, and if you desaturate by 10%, it is **234, 228, 229**.

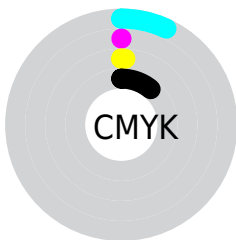
Distribution



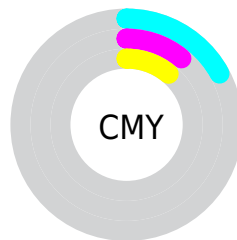
- Red (83%)
- Green (89%)
- Blue (89%)



- Red (83%)
- Yellow (86%)
- Blue (89%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 220, 228 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, 220, 228 by changing the saturation by 10% instead.

■ 211, 220, 228

255, 255, 255

■ 211, 220, 228

■ 183, 192, 200

■ 156, 165, 173

■ 130, 139, 146

■ 105, 113, 120

■ 81, 89, 96

■ 58, 66, 72

■ 36, 43, 49

■ 16, 22, 28

■ 0, 0, 0

 211, 220, 228

 211, 220, 228

 188, 209, 228


 234, 228, 229

 165, 198, 228


 255, 228, 231

 143, 188, 228


 255, 228, 234

 120, 177, 228


 255, 228, 236

 97, 166, 228


 255, 228, 239

 74, 155, 228

 255, 228, 241

 51, 145, 228

 255, 228, 244

 29, 134, 228

 255, 228, 246

 6, 124, 228

 255, 228, 249

Harmonies

Analogous

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



215, 224, 228



211, 220, 228



211, 220, 232

Triad

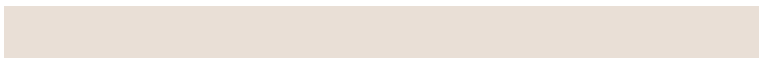
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



211, 220, 228



228, 222, 233



233, 231, 214

Complementary

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



211, 220, 228



228, 211, 213

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.



237, 222, 217



211, 220, 228



234, 221, 229

Square

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



211, 220, 228



221, 224, 236



237, 221, 223



215, 227, 213

Rectangle

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



211, 220, 228



213, 221, 234



237, 221, 223



235, 226, 215

Sweetspot

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



211, 220, 228



250, 253, 255



211, 228, 226



125, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



211, 220, 228



232, 244, 255



211, 217, 228



103, 110, 115



0, 95, 179



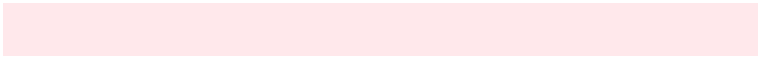
0, 27, 51

Inverse Universe

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



228, 211, 213



255, 232, 235



228, 223, 211



115, 103, 105



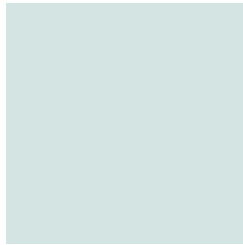
179, 0, 20



51, 0, 6

Previews

White Background



This preview shows how the RYB color 211, 220, 228 looks on a white background.

Color Contrast Check

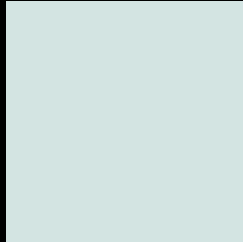
Large Text (above 18pt) WCAG AA × Fail

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, 220, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

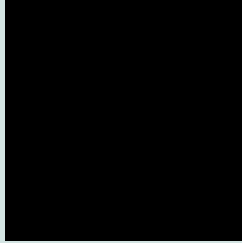
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

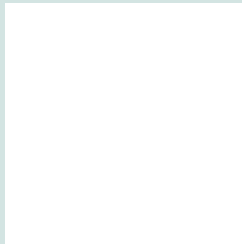
Any Text WCAG AAA ✓ Pass

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

RYB 211, 220, 228 Background



This preview shows how black text looks on a background with the RYB color 211, 220, 228.



This preview shows how white text looks on a background with the RYB color 211, 220, 228.

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](#).

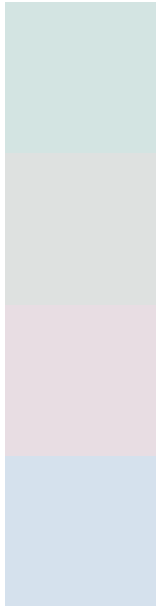
Dichromacy





Tritanopia
214, 222, 243

Trichromacy



Original Color

211, 220, 228

Protanomaly

222, 224, 225

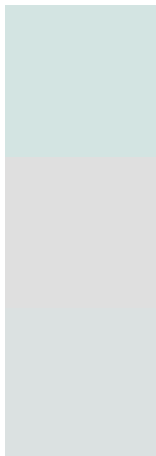
Deuteranomaly

232, 221, 227

Tritanomaly

213, 221, 237

Monochromacy



Original Color

211, 220, 228

Achromatopsia

223, 223, 223

Achromatomaly

219, 222, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 220, 228 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(211, 228, 226)` looks like.

```
.text, #text, p{  
    color:rgb(211, 228, 226)  
}
```

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(211, 228, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 228, 226) }
```

Border

The CSS property to change the border of an element to RYB 211, 220, 228 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(211, 228, 226) }
```

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

```
.border{ border-color:rgb(211, 228, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 228, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 228, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 228, 226);  
box-shadow:4px 4px 4px 4px rgb(211, 228,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 211, 220, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 228, 226) }
```

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

```
.background{ background-color: rgb(211,  
228, 226) }
```

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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