

Converting Colors

`RYB(209, 220, 225)`

Have a look what the booklet for
RYB(209, 220, 225) contains.

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Color

R_YB(209, 220, 225)

Conversions

Conversions Part 1

Format	Color
Hex	D1E1D8
RGB	209, 225, 216
RGB Percent	82%, 88%, 85%
CMY	0.1804, 0.1176, 0.1519
CMYK	0.07, 0.00, 0.04, 0.12
HSL	147°, 21%, 85%
HSV	147°, 7%, 88%
XYZ	65.6497, 72.3777, 75.6610
YIQ	219.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

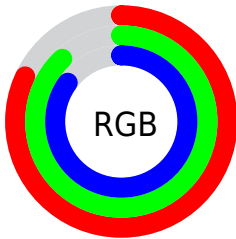
Format	Color
R _Y B	209, 220, 225
Decimal	13754840
CIE Lab	88.15, -6.94, 2.42
CIE LCh	88, 7.354, 160.771
Yxy	72.3777, 0.3072, 0.3387
Android (android.graphics.Color)	4291944920 (0xFFD1E1D8)
YUV	219.1900, -1.5727, -8.9366
Hunter-Lab	85.0751, -11.1388, 6.8234

Details

The RYB color **209, 220, 225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **225, 209, 218**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 166, 170** is the 20% darker color. If you saturate the color by 10%, you get **187, 213, 225**, and if you desaturate by 10%, it is **232, 225, 229**.

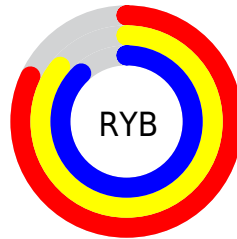
Distribution



Red (82%)

Green (88%)

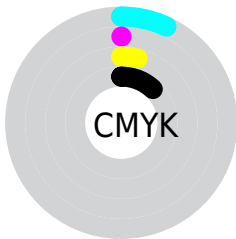
Blue (85%)



Red (82%)

Yellow (86%)

Blue (88%)

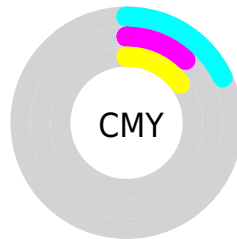


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (12%)



Cyan (18%)

Magenta (12%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 220, 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 209, 220, 225 by changing the saturation by 10% instead.

■ 209, 220, 225

255, 255, 255

■ 209, 220, 225

■ 181, 192, 197

■ 155, 165, 170

■ 129, 139, 143

■ 103, 113, 118

■ 79, 88, 93

■ 56, 64, 69

■ 35, 43, 47

■ 14, 22, 26

■ 0, 0, 0

 209, 220, 225


 209, 220, 225

 187, 213, 225

 232, 225, 229

 164, 206, 225


 254, 225, 241


 141, 199, 225


 255, 225, 253


 119, 192, 225

 255, 225, 255

 97, 185, 225

 74, 178, 225

 51, 171, 225

 29, 164, 225

 6, 156, 225

Harmonies

Analogous

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



210, 224, 218



209, 220, 225



205, 216, 225

Triad

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



209, 220, 225



217, 220, 235



236, 218, 212

Complementary

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



209, 220, 225



225, 209, 218

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.



236, 217, 219



209, 220, 225



226, 219, 232

Square

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



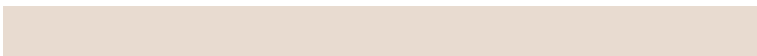
209, 220, 225



209, 218, 234



233, 217, 226



232, 228, 208

Rectangle

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



209, 220, 225



204, 215, 228



233, 217, 226



237, 217, 214

Sweetspot

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



209, 220, 225



250, 254, 255



209, 225, 216



125, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



209, 220, 225



232, 248, 255



209, 217, 225



101, 109, 112



0, 121, 176



0, 33, 48

Inverse Universe

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



225, 209, 218



255, 232, 245



225, 209, 210



112, 101, 107



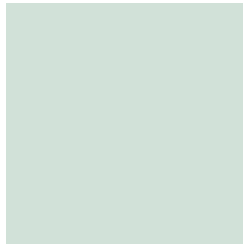
176, 0, 96



48, 0, 26

Previews

White Background



This preview shows how the RYB color 209, 220, 225 looks on a white background.

Color Contrast Check

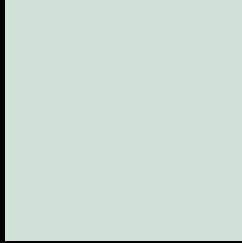
Large Text (above 18pt) WCAG AA × Fail

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 209, 220, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

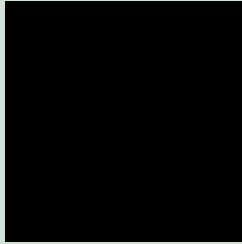
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

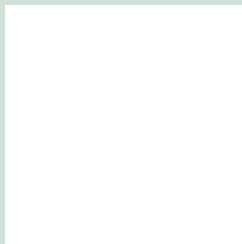
Any Text WCAG AAA ✓ Pass

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

RYP 209, 220, 225 Background



This preview shows how black text looks on a background with the RYB color 209, 220, 225.



This preview shows how white text looks on a background with the RYB color 209, 220, 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
213, 220, 239

Trichromacy



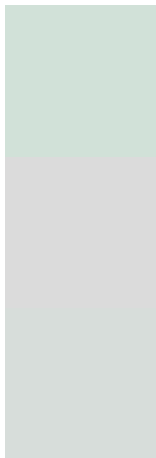
Original Color
209, 220, 225

Protanomaly
214, 222, 216

Deuteranomaly
231, 218, 218

Tritanomaly
212, 219, 231

Monochromacy



Original Color
209, 220, 225

Achromatopsia
219, 219, 219

Achromatomaly
215, 219, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 220, 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, 225, 216)` looks like.

```
.text, #text, p{  
    color:rgb(209, 225, 216)  
}
```

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, 225, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 225, 216) }
```

Border

The CSS property to change the border of an element to RYB 209, 220, 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, 225, 216) }
```

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

```
.border{ border-color:rgb(209, 225, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 225, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 225, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 225, 216);  
box-shadow:4px 4px 4px 4px rgb(209, 225,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 209, 220, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 225, 216) }
```

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

```
.background{ background-color: rgb(209,  
225, 216) }
```

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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