

Converting Colors

`RYB(220, 215, 218)`

Have a look what the booklet for
RYB(220, 215, 218) contains.

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Color

R_YB(220, 215, 218)

Conversions

Conversions Part 1

Format	Color
Hex	DCD7DA
RGB	220, 215, 218
RGB Percent	86%, 84%, 85%
CMY	0.1373, 0.1569, 0.1451
CMYK	0.00, 0.02, 0.01, 0.14
HSL	324°, 7%, 85%
HSV	324°, 2%, 86%
XYZ	66.4705, 68.8785, 76.1212
YIQ	216.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

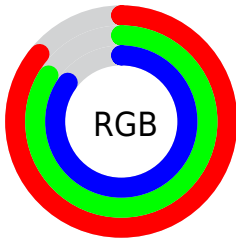
Format	Color
R _Y B	220, 215, 218
Decimal	14473178
CIE Lab	86.44, 2.24, -0.88
CIE LCh	86, 2.411, 338.636
Yxy	68.8785, 0.3143, 0.3257
Android (android.graphics.Color)	4292663258 (0xFFDCD7DA)
YUV	216.8370, 0.5734, 2.7740
Hunter-Lab	82.9931, -2.2742, 3.7144

Details

The RYB color **220, 215, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215, 219, 220**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 255**, and **165, 160, 163** is the 20% darker color. If you saturate the color by 10%, you get **220, 193, 209**, and if you desaturate by 10%, it is **220, 232, 237**.

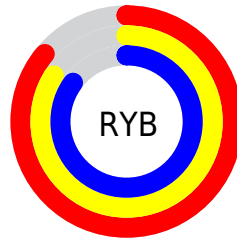
Distribution



Red (86%)

Green (84%)

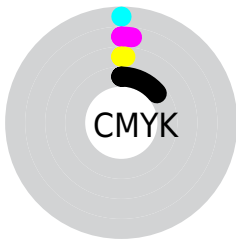
Blue (85%)



Red (86%)

Yellow (84%)

Blue (85%)

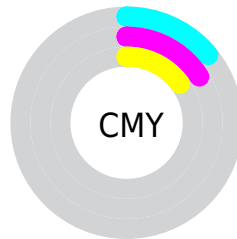


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 220, 215, 218 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 220, 215, 218 by changing the saturation by 10% instead.

■ 220, 215, 218

255, 255, 255

■ 220, 215, 218

■ 192, 187, 190

■ 165, 160, 163

■ 139, 134, 137

■ 113, 109, 112

■ 89, 85, 87

■ 65, 61, 64

■ 43, 40, 42

■ 23, 19, 22

■ 0, 0, 0

■ 220, 215, 218

■ 220, 215, 218

■ 220, 193, 209

■ 220, 232, 237

■ 220, 171, 200

■ 220, 244, 255

■ 220, 149, 192

■ 220, 241, 255

■ 220, 127, 183

■ 220, 238, 255

■ 220, 105, 174

■ 220, 238, 255

■ 220, 83, 165

■ 220, 61, 156

■ 220, 39, 148

■ 220, 17, 139

Harmonies

Analogous

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



218, 216, 220



220, 215, 218



221, 215, 216

Triad

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



220, 215, 218



215, 218, 212



211, 215, 219

Complementary

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



220, 215, 218



215, 219, 220

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.



211, 215, 218



220, 215, 218



213, 217, 215

Square

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



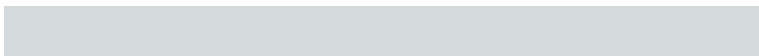
220, 215, 218



220, 220, 212



213, 217, 218



212, 215, 220

Rectangle

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



220, 215, 218



221, 215, 214



213, 217, 218



211, 215, 218

Sweetspot

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



220, 215, 218



255, 252, 254



217, 215, 220



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

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



220, 215, 218



255, 247, 252



220, 215, 216



110, 105, 108



173, 0, 104



46, 0, 28

Inverse Universe

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



220, 215, 218



255, 247, 252



215, 218, 220



110, 105, 108



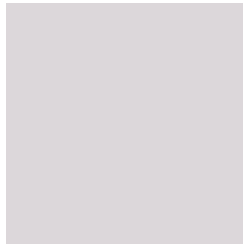
173, 0, 104



46, 0, 28

Previews

White Background



This preview shows how the RYB color 220, 215, 218 looks on a white background.

Color Contrast Check

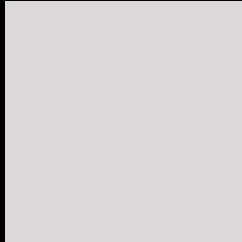
Large Text (above 18pt) WCAG AA × Fail

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 220, 215, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

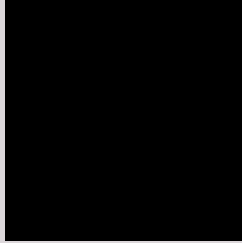
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

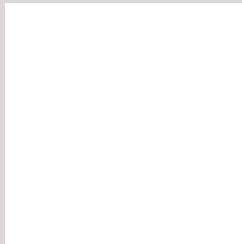
Any Text WCAG AAA ✓ Pass

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

RYB 220, 215, 218 Background



This preview shows how black text looks on a background with the RYB color 220, 215, 218.

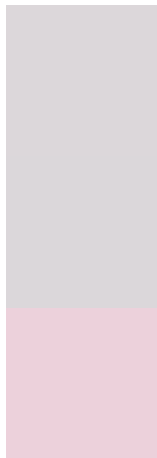


This preview shows how white text looks on a background with the RYB color 220, 215, 218.

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



Original Color
220, 215, 218

Protanopia
219, 215, 218

Deuteranopia
236, 209, 219



Tritanopia
222, 213, 230

Trichromacy



Original Color

220, 215, 218

Protanomaly

219, 215, 218

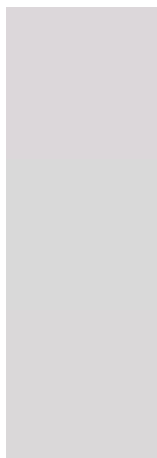
Deuteranomaly

230, 211, 219

Tritanomaly

221, 214, 226

Monochromacy



Original Color

220, 215, 218

Achromatopsia

217, 217, 217

Achromatomaly

218, 216, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 215, 218 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(220, 215, 218) looks like.

```
.text, #text, p{  
    color:rgb(220, 215, 218)  
}
```

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(220, 215, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 215, 218) }
```

Border

The CSS property to change the border of an element to RYB 220, 215, 218 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(220, 215, 218) }
```

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

```
.border{ border-color:rgb(220, 215, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 215, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 215, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 215, 218);  
box-shadow:4px 4px 4px 4px rgb(220, 215,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 220, 215, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 215, 218) }
```

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

```
.background{ background-color: rgb(220,  
215, 218) }
```

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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