

Converting Colors

RGB(221, 220, 217)

Have a look what the booklet for
RGB(221, 220, 217) contains.

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Color

RGB(221, 220, 217)

Conversions

Conversions Part 1

Format	Color
Hex	DDDCD9
RGB	221, 220, 217
RGB Percent	87%, 86%, 85%
CMY	0.1333, 0.1373, 0.1490
CMYK	0.00, 0.00, 0.02, 0.13
HSL	45°, 6%, 86%
HSV	45°, 2%, 87%
XYZ	67.9364, 71.5683, 75.8791
YIQ	219.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

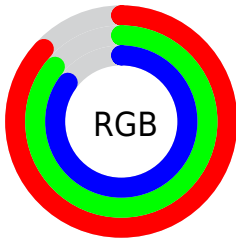
Format	Color
R_{YB}	218, 221, 217
Decimal	14539993
CIE Lab	87.76, -0.19, 1.58
CIE LCh	88, 1.592, 96.895
Yxy	71.5683, 0.3154, 0.3323
Android (android.graphics.Color)	4292730073 (0xFFDDDCD9)
YUV	219.9570, -1.4578, 0.9147
Hunter-Lab	84.5981, -4.7024, 6.0393

Details

The RGB color **221, 220, 217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217, 218, 221**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 165, 162** is the 20% darker color. If you saturate the color by 10%, you get **221, 214, 195**, and if you desaturate by 10%, it is **221, 226, 239**.

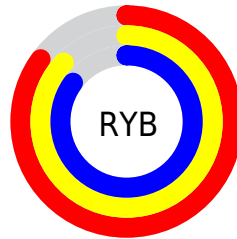
Distribution



Red (87%)

Green (86%)

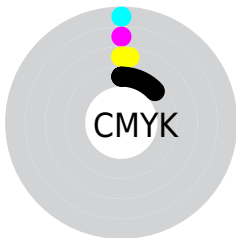
Blue (85%)



Red (85%)

Yellow (87%)

Blue (85%)

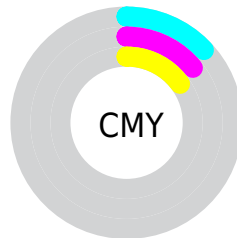


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (13%)



Cyan (13%)

Magenta (14%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 220, 217 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 RGB color 221, 220, 217 by changing the saturation by 10% instead.

■ 221, 220, 217

255, 255, 255

■ 221, 220, 217

■ 193, 192, 189

■ 166, 165, 162

■ 140, 139, 136

■ 114, 113, 111

■ 90, 89, 86

■ 66, 66, 63

■ 44, 43, 41


■ 24, 23, 21


■ 0, 0, 0


 221, 220, 217

 221, 220, 217

 221, 214, 195


 221, 226, 239


 221, 209, 173


 221, 231, 255


 221, 203, 151


 221, 237, 255


 221, 198, 129


 221, 242, 255


 221, 192, 106


 221, 248, 255


 221, 187, 84

 221, 253, 255

 221, 181, 62

 221, 255, 255

 221, 176, 40

 221, 170, 18

Harmonies

Analogous

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



223, 220, 217



221, 220, 217



219, 220, 218

Triad

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



221, 220, 217



217, 221, 222



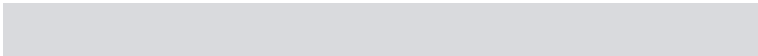
222, 219, 221

Complementary

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



221, 220, 217



217, 218, 221

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.



221, 220, 222



221, 220, 217



217, 220, 223

Square

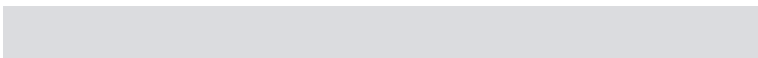
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221, 220, 217



217, 221, 220



219, 220, 223



223, 219, 220

Rectangle

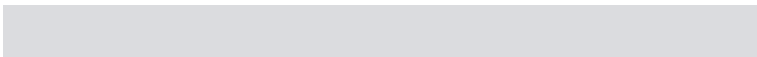
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221, 220, 217



218, 221, 218



219, 220, 223



222, 219, 222

Sweetspot

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



221, 220, 217



255, 254, 252



221, 217, 218



128, 127, 126



0, 0, 0



128, 128, 128

Same Dimension

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



221, 220, 217



255, 254, 250



220, 221, 217



110, 109, 107



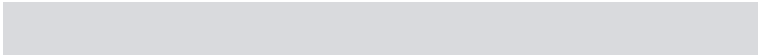
173, 130, 0



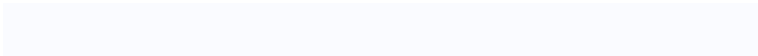
46, 34, 0

Inverse Universe

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



217, 218, 221



250, 251, 255



218, 217, 221



107, 108, 110



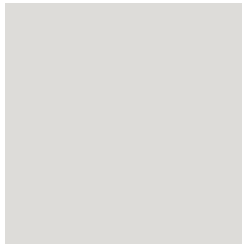
0, 43, 173



0, 11, 46

Previews

White Background



This preview shows how the RGB color 221, 220, 217 looks on a white background.

Color Contrast Check

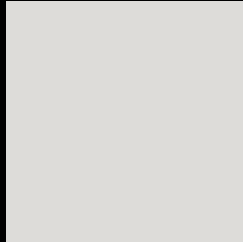
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 221, 220, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

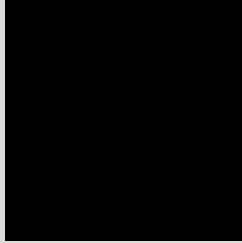
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

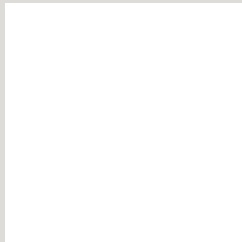
Any Text WCAG AAA ✓ Pass

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

RGB 221, 220, 217 Background



This preview shows how black text looks on a background with the RGB color 221, 220, 217.

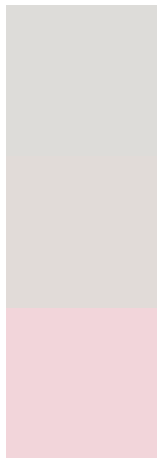


This preview shows how white text looks on a background with the RGB color 221, 220, 217.

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
221, 220, 217

Protanopia
225, 219, 216

Deuteranopia
242, 213, 218



Tritanopia
224, 217, 234

Trichromacy



Original Color

221, 220, 217

Protanomaly

224, 219, 216

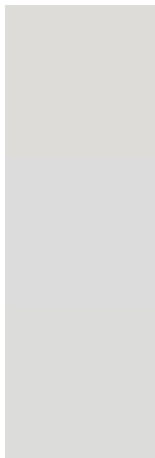
Deuteranomaly

234, 216, 218

Tritanomaly

223, 218, 228

Monochromacy



Original Color

221, 220, 217

Achromatopsia

220, 220, 220

Achromatomaly

220, 220, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 220, 217 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(221, 220, 217) looks like.

```
.text, #text, p{  
    color:rgb(221, 220, 217)  
}
```

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(221, 220, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 220, 217) }
```

Border

The CSS property to change the border of an element to RGB 221, 220, 217 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(221, 220, 217) }
```

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

```
.border{ border-color:rgb(221, 220, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 220, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 220, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 220, 217);  
box-shadow:4px 4px 4px 4px rgb(221, 220,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 221, 220, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 220, 217) }
```

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

```
.background{ background-color: rgb(221,  
220, 217) }
```

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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