

Converting Colors

RGB(221, 229, 216)

Have a look what the booklet for
RGB(221, 229, 216) contains.

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Color

RGB(221, 229, 216)

Conversions

Conversions Part 1

Format	Color
Hex	DDE5D8
RGB	221, 229, 216
RGB Percent	87%, 90%, 85%
CMY	0.1333, 0.1020, 0.1529
CMYK	0.03, 0.00, 0.06, 0.10
HSL	97°, 20%, 87%
HSV	97°, 6%, 90%
XYZ	70.2328, 76.3686, 76.0047
YIQ	225.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

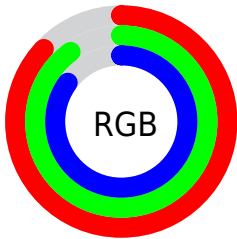
Format	Color
R _Y B	216, 229, 224
Decimal	14542296
CIE Lab	90.03, -4.99, 5.40
CIE LCh	90, 7.352, 132.782
Yxy	76.3686, 0.3155, 0.3431
Android (android.graphics.Color)	4292732376 (0xFFDDE5D8)
YUV	225.1260, -4.4991, -3.6185
Hunter-Lab	87.3892, -9.4744, 9.6063

Details

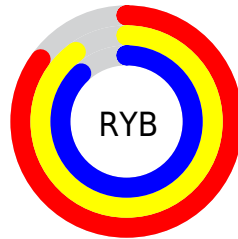
The RGB color **221, 229, 216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **224, 216, 229**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 174, 161** is the 20% darker color. If you saturate the color by 10%, you get **207, 229, 193**, and if you desaturate by 10%, it is **235, 229, 239**.

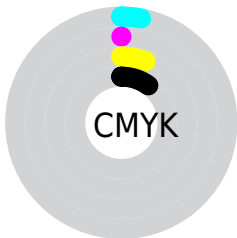
Distribution



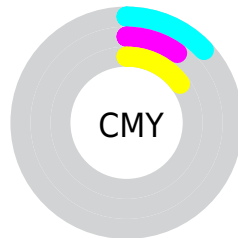
- Red (87%)
- Green (90%)
- Blue (85%)



- Red (85%)
- Yellow (90%)
- Blue (88%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 229, 216 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, 229, 216 by changing the saturation by 10% instead.

■ 221, 229, 216

255, 255, 255

■ 221, 229, 216

■ 193, 201, 188

■ 166, 174, 161

■ 140, 147, 135

■ 114, 121, 110

■ 90, 96, 85

■ 66, 73, 62

■ 44, 50, 40

■ 23, 29, 20

■ 0, 0, 0

 221, 229, 216

 221, 229, 216

 207, 229, 193

 235, 229, 239


 193, 229, 170


 249, 229, 255

 179, 229, 147


 255, 229, 255

 165, 229, 124

 151, 229, 102

 136, 229, 79

 122, 229, 56

 108, 229, 33

 94, 229, 10

Harmonies

Analogous

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



229, 227, 213



221, 229, 216



214, 230, 222

Triad

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



221, 229, 216



215, 228, 240



242, 222, 224

Complementary

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



221, 229, 216



224, 216, 229

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.



238, 222, 231



221, 229, 216



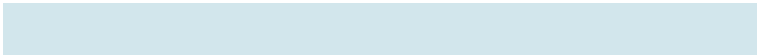
223, 226, 240

Square

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



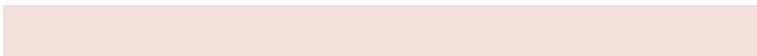
221, 229, 216



210, 230, 236



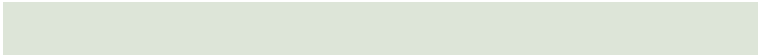
232, 224, 237



241, 223, 217

Rectangle

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



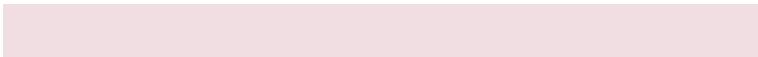
221, 229, 216



211, 231, 227



232, 224, 237



241, 222, 226

Sweetspot

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



221, 229, 216



252, 255, 250



229, 224, 216



126, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

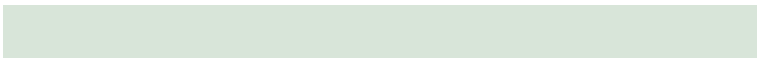
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221, 229, 216



244, 255, 237



216, 229, 217



109, 115, 106



69, 179, 0



20, 51, 0

Inverse Universe

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



224, 216, 229



248, 237, 255



229, 216, 228



111, 106, 115



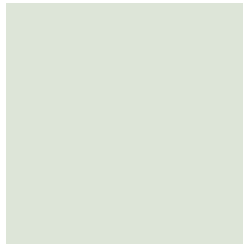
110, 0, 179



31, 0, 51

Previews

White Background



This preview shows how the RGB color 221, 229, 216 looks on a white background.

Color Contrast Check

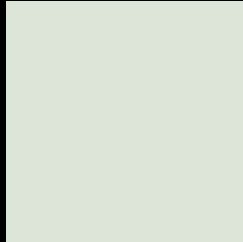
Large Text (above 18pt) WCAG AA × Fail

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, 229, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

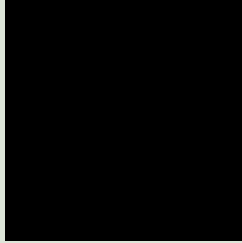
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

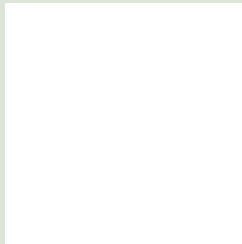
Any Text WCAG AAA ✓ Pass

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

RGB 221, 229, 216 Background



This preview shows how black text looks on a background with the RGB color 221, 229, 216.



This preview shows how white text looks on a background with the RGB color 221, 229, 216.

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
225, 225, 243

Trichromacy



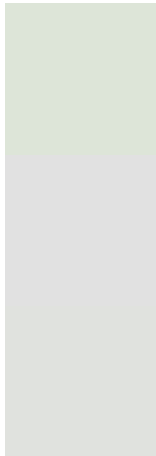
Original Color
221, 229, 216

Protanomaly
229, 226, 215

Deuteranomaly
240, 223, 217

Tritanomaly
224, 226, 233

Monochromacy



Original Color
221, 229, 216

Achromatopsia
225, 225, 225

Achromatomaly
224, 226, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 229, 216 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, 229, 216)` looks like.

```
.text, #text, p{  
    color:rgb(221, 229, 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(221, 229, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 229, 216) }
```

Border

The CSS property to change the border of an element to RGB 221, 229, 216 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, 229, 216) }
```

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

```
.border{ border-color:rgb(221, 229, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 229, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 229, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 229, 216);  
box-shadow:4px 4px 4px 4px rgb(221, 229,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 221, 229, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 229, 216) }
```

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

```
.background{ background-color: rgb(221,  
229, 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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