

Converting Colors

RGB(221, 228, 205)

Have a look what the booklet for
RGB(221, 228, 205) contains.

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Color

RGB(221, 228, 205)

Conversions

Conversions Part 1

Format	Color
Hex	DDE4CD
RGB	221, 228, 205
RGB Percent	87%, 89%, 80%
CMY	0.1333, 0.1059, 0.1961
CMYK	0.03, 0.00, 0.10, 0.11
HSL	78°, 30%, 85%
HSV	78°, 10%, 89%
XYZ	68.5816, 75.2667, 68.6709
YIQ	223.2850, 3.2110, -8.6370

Conversions

Conversions Part 2

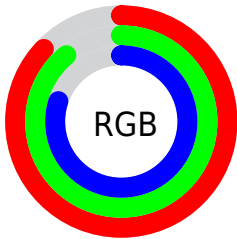
Format	Color
RYB	205, 228, 212
Decimal	14542029
CIELab	89.52, -6.36, 10.41
CIELCh	90, 12.199, 121.397
Yxy	75.2667, 0.3227, 0.3542
Android (android.graphics.Color)	4292732109 (0xFFDDE4CD)
YUV	223.2850, -9.0145, -2.0039
Hunter-Lab	86.7564, -10.7180, 13.7993

Details

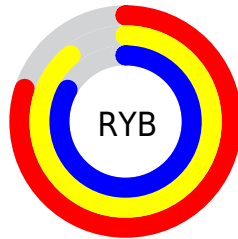
The RGB color **221, 228, 205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **212, 205, 228**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 173, 151** is the 20% darker color. If you saturate the color by 10%, you get **214, 228, 182**, and if you desaturate by 10%, it is **228, 228, 228**.

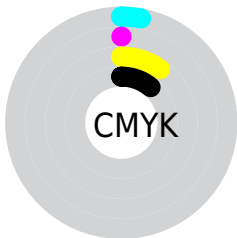
Distribution



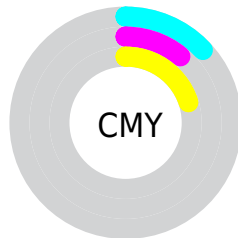
- Red (87%)
- Green (89%)
- Blue (80%)



- Red (80%)
- Yellow (89%)
- Blue (83%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 228, 205 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, 228, 205 by changing the saturation by 10% instead.

■ 221, 228, 205

255, 255, 255

■ 221, 228, 205

■ 193, 200, 178

■ 166, 173, 151

■ 140, 146, 125

■ 114, 120, 100

■ 89, 96, 76

■ 66, 72, 53

■ 44, 50, 32

■ 24, 28, 9

■ 0, 0, 0

 221, 228, 205

 221, 228, 205

 214, 228, 182

 228, 228, 228

 207, 228, 159

 235, 228, 251

 200, 228, 137


 242, 228, 255

 193, 228, 114

 249, 228, 255

 186, 228, 91

 255, 228, 255

 179, 228, 68

 172, 228, 45

 165, 228, 23

 159, 228, 0

Harmonies

Analogous

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



234, 224, 202



221, 228, 205



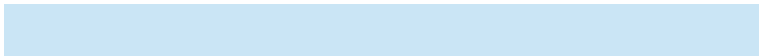
208, 231, 214

Triad

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



221, 228, 205



202, 229, 245



249, 217, 225

Complementary

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



221, 228, 205



212, 205, 228

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.



241, 219, 236



221, 228, 205



214, 226, 248

Square

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



221, 228, 205



196, 231, 237



228, 222, 245



250, 218, 213

Rectangle

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



221, 228, 205



201, 232, 221



228, 222, 245



247, 217, 229

Sweetspot

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



221, 228, 205



253, 255, 247



228, 212, 205



126, 128, 122



0, 0, 0



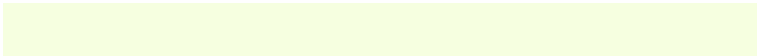
128, 128, 128

Same Dimension

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



221, 228, 205



246, 255, 224



210, 228, 205



111, 115, 103



124, 179, 0



35, 51, 0

Inverse Universe

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



212, 205, 228



234, 224, 255



223, 205, 228



107, 103, 115



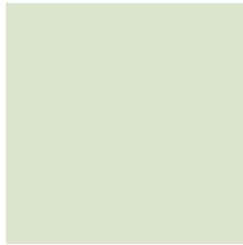
54, 0, 179



16, 0, 51

Previews

White Background



This preview shows how the RGB color 221, 228, 205 looks on a white background.

Color Contrast Check

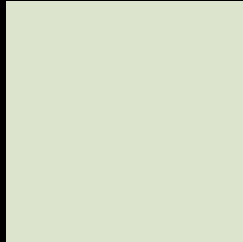
Large Text (above 18pt) WCAG AA × Fail

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, 228, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

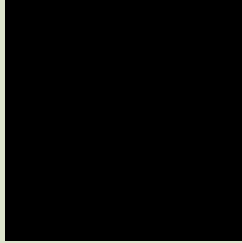
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

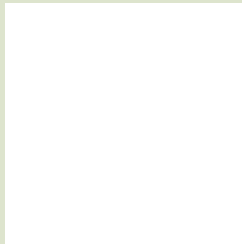
Any Text WCAG AAA ✓ Pass

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

RGB 221, 228, 205 Background



This preview shows how black text looks on a background with the RGB color 221, 228, 205.

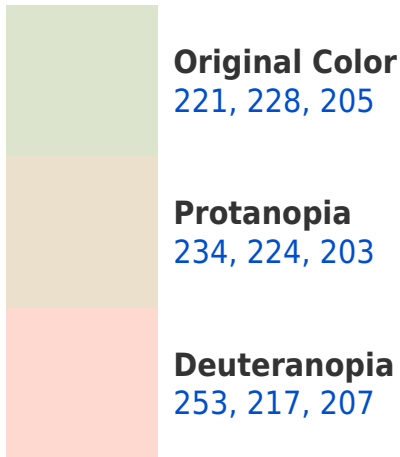


This preview shows how white text looks on a background with the RGB color 221, 228, 205.

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

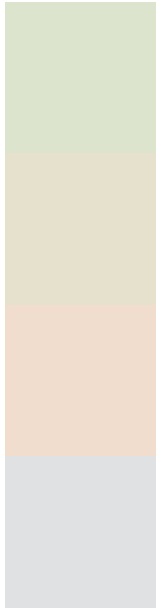




Tritanopia

226, 223, 240

Trichromacy



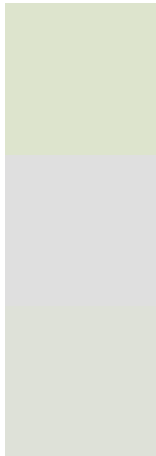
Original Color
221, 228, 205

Protanomaly
229, 225, 204

Deuteranomaly
241, 221, 206

Tritanomaly
224, 225, 227

Monochromacy



Original Color
221, 228, 205

Achromatopsia
223, 223, 223

Achromatomaly
222, 225, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 228, 205 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, 228, 205)` looks like.

```
.text, #text, p{  
    color:rgb(221, 228, 205)  
}
```

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, 228, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 228, 205) }
```

Border

The CSS property to change the border of an element to RGB 221, 228, 205 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, 228, 205) }
```

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

```
.border{ border-color:rgb(221, 228, 205) }
```

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

Here you see how a box with a 4 pixel rgb(221, 228, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 228, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 228, 205);  
box-shadow:4px 4px 4px 4px rgb(221, 228,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 221, 228, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 228, 205) }
```

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

```
.background{ background-color: rgb(221,  
228, 205) }
```

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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