

Converting Colors

RGB(221, 198, 158)

Have a look what the booklet for
RGB(221, 198, 158) contains.

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Color

RGB(221, 198, 158)

Conversions

Conversions Part 1

Format	Color
Hex	DDC69E
RGB	221, 198, 158
RGB Percent	87%, 78%, 62%
CMY	0.1333, 0.2235, 0.3804
CMYK	0.00, 0.10, 0.29, 0.13
HSL	38°, 48%, 74%
HSV	38°, 29%, 87%
XYZ	56.1844, 58.2289, 40.6258
YIQ	200.3170, 26.5480, -7.5640

Conversions

Conversions Part 2

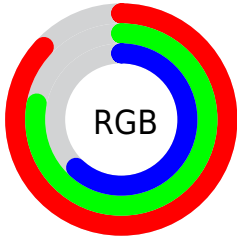
Format	Color
RYB	194, 221, 158
Decimal	14534302
CIELab	80.87, 2.10, 23.03
CIELCh	81, 23.123, 84.788
Yxy	58.2289, 0.3624, 0.3756
Android (android.graphics.Color)	4292724382 (0xFFDDC69E)
YUV	200.3170, -20.8623, 18.1390
Hunter-Lab	76.3079, -2.1118, 21.8499

Details

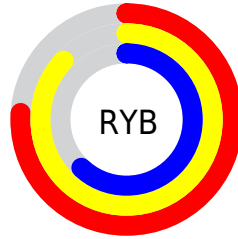
The RGB color **221, 198, 158** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **158, 181, 221**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 255, 213**, and **165, 144, 106** is the 20% darker color. If you saturate the color by 10%, you get **221, 190, 136**, and if you desaturate by 10%, it is **221, 206, 180**.

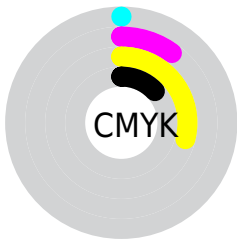
Distribution



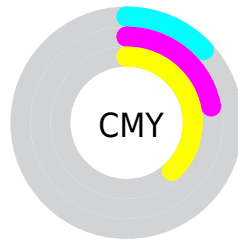
- Red (87%)
- Green (78%)
- Blue (62%)



- Red (76%)
- Yellow (87%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (29%)
- Black (13%)




- Cyan (13%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 198, 158 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, 198, 158 by changing the saturation by 10% instead.


 221, 198, 158

255, 255, 255

 255, 255, 213


 255, 255, 241

 221, 198, 158

 193, 171, 132

 165, 144, 106

 138, 119, 82

 112, 94, 59


 87, 71, 36


 63, 48, 15


 40, 27, 0


 10, 1, 0


 0, 0, 0

 221, 198, 158


 221, 198, 158


 221, 190, 136


 221, 206, 180

 221, 182, 114


 221, 214, 202

 221, 174, 92


 221, 222, 224


 221, 166, 70


 221, 230, 246

 221, 158, 48


 221, 238, 255

 221, 150, 25

 221, 246, 255

 221, 142, 3

 221, 254, 255

 221, 140, 0

 221, 255, 255

Harmonies

Analogous

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



238, 191, 166



221, 198, 158



198, 205, 161

Triad

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



221, 198, 158



141, 213, 218



225, 190, 226

Complementary

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



221, 198, 158



158, 181, 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.



200, 197, 240



221, 198, 158



148, 210, 235

Square

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



221, 198, 158



152, 213, 196



171, 204, 243



241, 186, 205

Rectangle

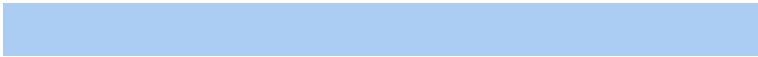
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221, 198, 158



181, 209, 170



171, 204, 243



218, 192, 232

Sweetspot

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



221, 198, 158



255, 247, 232



221, 158, 181



128, 122, 113



0, 0, 0



128, 128, 128

Same Dimension

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



221, 198, 158



255, 223, 168



213, 221, 158



110, 106, 99



173, 110, 0



46, 29, 0

Inverse Universe

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



158, 181, 221



168, 200, 255



166, 158, 221



99, 103, 110



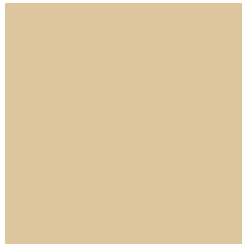
0, 63, 173



0, 17, 46

Previews

White Background



This preview shows how the RGB color 221, 198, 158 looks on a white background.

Color Contrast Check

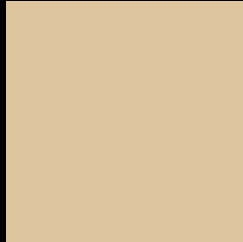
Large Text (above 18pt) WCAG AA × Fail

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, 198, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

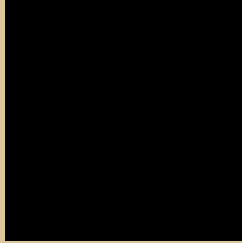
Any Text WCAG AA ✓ Pass

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, 198, 158 Background



This preview shows how black text looks on a background with the RGB color 221, 198, 158.

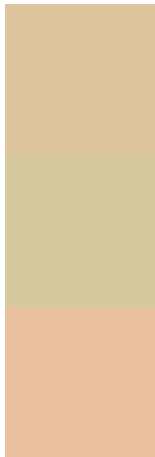


This preview shows how white text looks on a background with the RGB color 221, 198, 158.

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, 198, 158

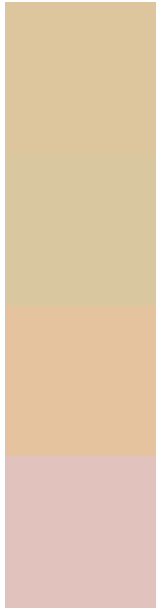
Protanopia
214, 200, 159

Deuteranopia
234, 193, 159



Tritanopia
227, 191, 206

Trichromacy



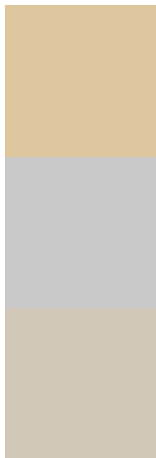
Original Color
221, 198, 158

Protanomaly
217, 199, 159

Deuteranomaly
229, 195, 159

Tritanomaly
225, 194, 189

Monochromacy



Original Color
221, 198, 158

Achromatopsia
200, 200, 200

Achromatomaly
208, 199, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 198, 158 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, 198, 158)` looks like.

```
.text, #text, p{  
    color:rgb(221, 198, 158)  
}
```

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, 198, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 198, 158) }
```

Border

The CSS property to change the border of an element to RGB 221, 198, 158 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, 198, 158) }
```

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

```
.border{ border-color:rgb(221, 198, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 198, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 198, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 198, 158); box-shadow:4px 4px 4px 4px rgb(221, 198, 158) }
```

Background

The CSS property to change the background color of an element to RGB 221, 198, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 198, 158) }
```

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

```
.background{ background-color: rgb(221,  
198, 158) }
```

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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