

Converting Colors

RGB(221, 186, 173)

Have a look what the booklet for
RGB(221, 186, 173) contains.

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Color

RGB(221, 186, 173)

Conversions

Conversions Part 1

Format	Color
Hex	DDBAAD
RGB	221, 186, 173
RGB Percent	87%, 73%, 68%
CMY	0.1333, 0.2706, 0.3216
CMYK	0.00, 0.16, 0.22, 0.13
HSL	16°, 41%, 77%
HSV	16°, 22%, 87%
XYZ	54.9205, 53.5071, 46.9684
YIQ	194.9830, 25.0330, 3.3770

Conversions

Conversions Part 2

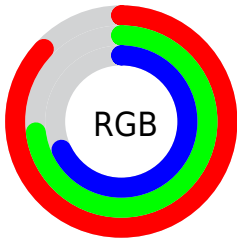
Format	Color
R _Y B	221, 191, 173
Decimal	14531245
CIE Lab	78.17, 10.54, 11.25
CIE LCh	78, 15.414, 46.882
Yxy	53.5071, 0.3534, 0.3443
Android (android.graphics.Color)	4292721325 (0xFFDDBAAD)
YUV	194.9830, -10.8376, 22.8169
Hunter-Lab	73.1485, 6.0093, 13.1341

Details

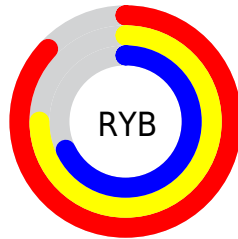
The RGB color **221, 186, 173** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **173, 208, 221**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 242, 228**, and **165, 133, 121** is the 20% darker color. If you saturate the color by 10%, you get **221, 170, 151**, and if you desaturate by 10%, it is **221, 202, 195**.

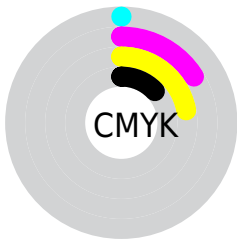
Distribution



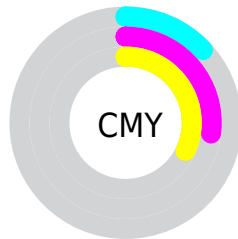
- Red (87%)
- Green (73%)
- Blue (68%)



- Red (87%)
- Yellow (75%)
- Blue (68%)



- Cyan (0%)
- Magenta (16%)
- Yellow (22%)
- Black (13%)




- Cyan (13%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the RGB color 221, 186, 173 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, 186, 173 by changing the saturation by 10% instead.

 221, 186, 173


255, 255, 255

 255, 242, 228

 221, 186, 173


 193, 159, 146

 165, 133, 121

 139, 108, 96

 113, 83, 72


 88, 60, 50


 63, 38, 29


 41, 18, 3

 7, 0, 0


 0, 0, 0

 221, 186, 173


 221, 186, 173

 221, 170, 151


 221, 202, 195


 221, 154, 129


 221, 218, 217


 221, 138, 107


 221, 234, 239


 221, 122, 85


 221, 250, 255

 221, 105, 63

 221, 255, 255

 221, 89, 40

 221, 73, 18

 221, 60, 0

Harmonies

Analogous

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



224, 184, 186



221, 186, 173



211, 190, 166

Triad

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



221, 186, 173



165, 201, 186



188, 192, 221

Complementary

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



221, 186, 173



173, 208, 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.



170, 196, 221



221, 186, 173



157, 202, 201

Square

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



221, 186, 173



180, 199, 173



159, 200, 214



206, 187, 213

Rectangle

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



221, 186, 173



201, 193, 165



159, 200, 214



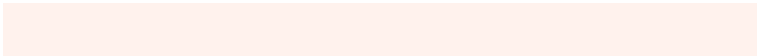
182, 193, 221

Sweetspot

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



221, 186, 173



255, 242, 237



221, 173, 208



128, 120, 117



0, 0, 0



128, 128, 128

Same Dimension

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



221, 186, 173



255, 207, 189



221, 210, 173



110, 102, 99



173, 47, 0



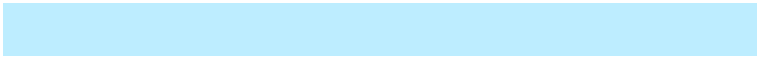
46, 12, 0

Inverse Universe

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



173, 208, 221



189, 237, 255



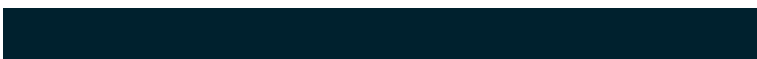
173, 184, 221



99, 107, 110



0, 126, 173



0, 33, 46

Previews

White Background



This preview shows how the RGB color 221, 186, 173 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, 186, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

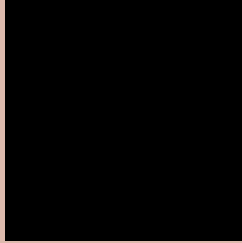
Any Text WCAG AA ✓ Pass

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, 186, 173 Background



This preview shows how black text looks on a background with the RGB color 221, 186, 173.



This preview shows how white text looks on a background with the RGB color 221, 186, 173.

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, 186, 173

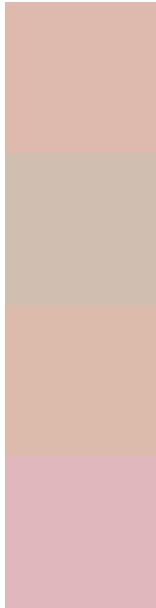
Protanopia
201, 193, 177

Deuteranopia
220, 187, 173



Tritanopia
224, 182, 197

Trichromacy



Original Color

221, 186, 173

Protanomaly

208, 190, 176

Deuteranomaly

220, 187, 173

Tritanomaly

223, 183, 188

Monochromacy



Original Color

221, 186, 173

Achromatopsia

195, 195, 195

Achromatomaly

204, 192, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 186, 173 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, 186, 173)` looks like.

```
.text, #text, p{  
    color:rgb(221, 186, 173)  
}
```

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, 186, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 186, 173) }
```

Border

The CSS property to change the border of an element to RGB 221, 186, 173 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, 186, 173) }
```

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

```
.border{ border-color:rgb(221, 186, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 186, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 186, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 186, 173); box-shadow:4px 4px 4px 4px rgb(221, 186, 173) }
```

Background

The CSS property to change the background color of an element to RGB 221, 186, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 186, 173) }
```

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

```
.background{ background-color: rgb(221,  
186, 173) }
```

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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