Converting Colors

RGB(205, 178, 144)

Have a look what the booklet for RGB(205, 178, 144) contains.

Color

RGB(205, 178, 144)

Conversions

Conversions Part 1

Format	Color
Hex	CDB290
RGB	205, 178, 144
RGB Percent	80%, 70%, 56%
CMY	0.1961, 0.3020, 0.4353
CMYK	0.00, 0.13, 0.30, 0.20
HSL	33°, 38%, 68%
HSV	33°, 30%, 80%
XYZ	46.1313, 46.8335, 32.9940
YIQ	182.1970, 27.0060, -4.8500

Conversions

Conversions Part 2

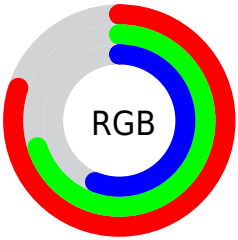
Format	Color
RYB	192, 205, 144
Decimal	13480592
CIELab	74.08, 4.65, 20.98
CIELCh	74, 21.490, 77.512
Yxy	46.8335, 0.3662, 0.3718
Android (android.graphics.Color)	4291670672 (0xFFCDB290)
YUV	182.1970, -18.8311, 19.9982
Hunter-Lab	68.4350, 0.5635, 19.3196

Details

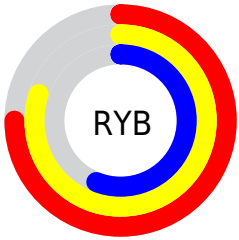
The RGB color 205, 178, 144 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 144, 171, 205, and the grayscale version is 182, 182, 182.

A 20% lighter version of the original color is 255, 234, 198, and 150, 125, 93 is the 20% darker color. If you saturate the color by 10%, you get 205, 169, 123, and if you desaturate by 10%, it is 205, 187, 164.

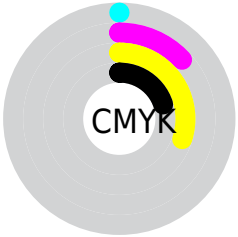
Distribution



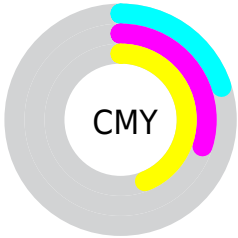
- Red (80%)
- Green (70%)
- Blue (56%)



- Red (75%)
- Yellow (80%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (30%)
- Black (20%)



- Cyan (20%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 178, 144 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 205, 178, 144 by changing the saturation by 10% instead.

205, 178, 144

255, 255, 255

255, 234, 198

255, 255, 226

255, 255, 255

205, 178, 144

177, 151, 118

150, 125, 93

123, 101, 70

98, 77, 47

73, 54, 25

50, 33, 0

27, 11, 0

0, 0, 0

205, 178, 144

205, 178, 144

205, 169, 123

205, 160, 103

205, 151, 82

205, 142, 62

205, 133, 41

205, 124, 21

205, 114, 0

205, 114, 0

205, 187, 164

205, 196, 185

205, 205, 206

205, 214, 226

205, 223, 247

205, 232, 255

205, 242, 255

205, 251, 255

205, 255, 255

Harmonies

Analogous

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

219, 172, 154

205, 178, 144

185, 185, 144

Triad

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

205, 178, 144

129, 193, 193

199, 173, 209

Complementary

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

205, 178, 144

144, 171, 205

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.

175, 180, 220

205, 178, 144

131, 191, 211

Square

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

205, 178, 144

142, 193, 173

149, 186, 220

217, 169, 191

Rectangle

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

205, 178, 144

170, 188, 150

149, 186, 220

192, 175, 213

Sweetspot

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

205, 178, 144

255, 245, 232

205, 144, 171

128, 121, 113

0, 0, 0

128, 128, 128

Same Dimension

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

205, 178, 144

255, 214, 163

202, 205, 144

102, 97, 92

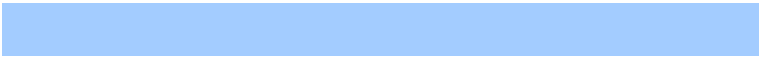
166, 92, 0

38, 21, 0

Inverse Universe

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

144, 171, 205



163, 204, 255

147, 144, 205

92, 96, 102

0, 73, 166

0, 17, 38

Previews

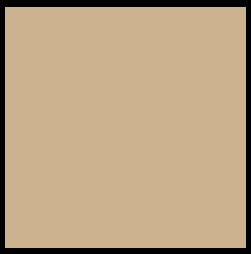
White Background

This preview shows how the RGB color 205, 178, 144 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



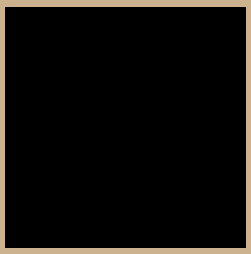
This preview shows how the RGB color 205, 178, 144 looks on a black background.

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 205, 178, 144 Background



This preview shows how black text looks on a background with the RGB color 205, 178, 144.

This preview shows how white text looks on a background with the RGB color 205, 178, 144.

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

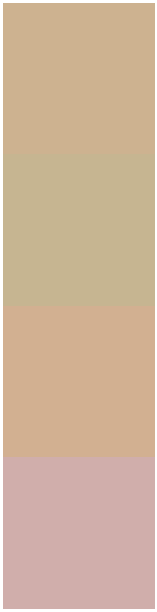
Original Color
205, 178, 144

Protanopia
194, 182, 146

Deuteranopia
213, 175, 145

Tritanopia
210, 172, 186

Trichromacy



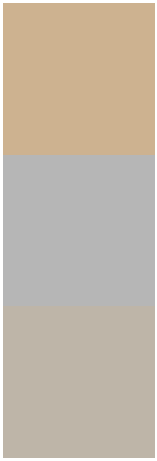
Original Color
205, 178, 144

Protanomaly
198, 181, 145

Deuteranomaly
210, 176, 145

Tritanomaly
208, 174, 171

Monochromacy



Original Color
205, 178, 144

Achromatopsia
182, 182, 182

Achromatomaly
190, 181, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 178, 144 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(205, 178, 144) looks like.

```
.text, #text, p{
    color:rgb(205, 178, 144)
}
```

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(205, 178, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 178, 144) }
```

Border

The CSS property to change the border of an element to RGB 205, 178, 144 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(205, 178, 144) }
```

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

```
.border{ border-color:rgb(205, 178, 144) }
```

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

Here you see how a box with a 4 pixel rgb(205, 178, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 178, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 178, 144); box-shadow:4px 4px 4px 4px rgb(205, 178, 144) }
```

Background

The CSS property to change the background color of an element to RGB 205, 178, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(205, 178, 144) }
```

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

```
.background{ background-color:rgb(205,
178, 144) }
```

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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