Converting Colors

RGB(225, 193, 172)

Have a look what the booklet for RGB(225, 193, 172) contains.

Color

RGB(225, 193, 172)

Conversions

Conversions Part 1

Format	Color
Hex	E1C1AC
RGB	225, 193, 172
RGB Percent	88%, 76%, 67%
CMY	0.1176, 0.2431, 0.3255
CMYK	0.00, 0.14, 0.24, 0.12
HSL	24°, 47%, 78%
HSV	24°, 24%, 88%
XYZ	57.5677, 57.1260, 47.0220
YIQ	200.1740, 25.8130, 0.2530

Conversions

Conversions Part 2

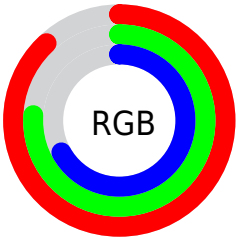
Format	Color
RYB	225, 207, 172
Decimal	14795180
CIELab	80.25, 8.17, 14.78
CIELCh	80, 16.883, 61.061
Yxy	57.1260, 0.3560, 0.3532
Android (android.graphics.Color)	4292985260 (0xFFE1C1AC)
YUV	200.1740, -13.8898, 21.7724
Hunter-Lab	75.5818, 3.6884, 16.0209

Details

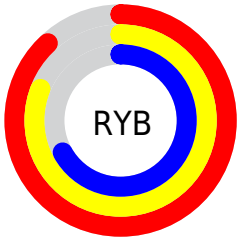
The RGB color 225, 193, 172 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 172, 204, 225, and the grayscale version is 200, 200, 200.

A 20% lighter version of the original color is 255, 249, 227, and 169, 139, 120 is the 20% darker color. If you saturate the color by 10%, you get 225, 179, 150, and if you desaturate by 10%, it is 225, 207, 195.

Distribution

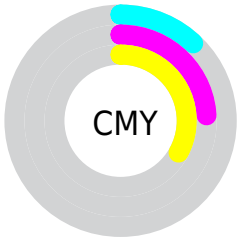


- Red (88%)
- Green (76%)
- Blue (67%)



- Red (88%)
- Yellow (81%)
- Blue (67%)

- Cyan (0%)
- Magenta (14%)
- Yellow (24%)
- Black (12%)



- Cyan (12%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 193, 172 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 225, 193, 172 by changing the saturation by 10% instead.

225, 193, 172

255, 255, 255

255, 249, 227

225, 193, 172

197, 166, 145

169, 139, 120

142, 114, 95

116, 89, 71

91, 66, 49

66, 44, 28

44, 23, 2

20, 0, 0

0, 0, 0

225, 193, 172

225, 179, 150

225, 166, 127

225, 152, 105

225, 139, 82

225, 125, 60

225, 111, 37

225, 98, 15

225, 89, 0

225, 193, 172

225, 207, 195

225, 220, 217

225, 234, 240

225, 247, 255

225, 255, 255

Harmonies

Analogous

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

232, 189, 183

225, 193, 172

211, 198, 168

Triad

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

225, 193, 172

162, 208, 199

203, 195, 226

Complementary

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

225, 193, 172

172, 204, 225

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.

182, 200, 230

225, 193, 172

158, 208, 215

Square

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

225, 193, 172

176, 207, 183

166, 205, 226

220, 190, 215

Rectangle

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

225, 193, 172

200, 202, 170

166, 205, 226

196, 197, 228

Sweetspot

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

225, 193, 172

255, 244, 237

225, 172, 205

128, 121, 117

0, 0, 0

128, 128, 128

Same Dimension

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

225, 193, 172

255, 212, 184

225, 219, 172

112, 105, 101

176, 70, 0

48, 19, 0

Inverse Universe

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

172, 204, 225

184, 227, 255

172, 178, 225

101, 108, 112

0, 106, 176

0, 29, 48

Previews

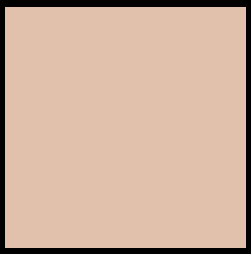
White Background

This preview shows how the RGB color 225, 193, 172 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



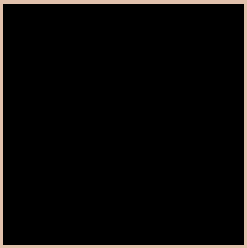
This preview shows how the RGB color 225, 193, 172 looks on a black background.

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 225, 193, 172 Background



This preview shows how black text looks on a background with the RGB color 225, 193, 172.

This preview shows how white text looks on a background with the RGB color 225, 193, 172.

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

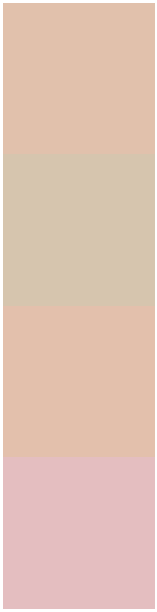
Original Color
225, 193, 172

Protanopia
208, 199, 175

Deuteranopia
228, 192, 172

Tritanopia
229, 188, 203

Trichromacy



Original Color
225, 193, 172

Protanomaly
214, 197, 174

Deuteranomaly
227, 192, 172

Tritanomaly
228, 190, 192

Monochromacy

Original Color
225, 193, 172

Achromatopsia
200, 200, 200

Achromatomaly
209, 197, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 193, 172 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(225, 193, 172) looks like.

```
.text, #text, p{
    color:rgb(225, 193, 172)
}
```

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(225, 193, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 193, 172) }
```

Border

The CSS property to change the border of an element to RGB 225, 193, 172 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(225, 193, 172) }
```

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

```
.border{ border-color:rgb(225, 193, 172) }
```

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

Here you see how a box with a 4 pixel rgb(225, 193, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 193, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 193, 172); box-shadow:4px 4px 4px 4px rgb(225, 193, 172) }
```

Background

The CSS property to change the background color of an element to RGB 225, 193, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(225, 193, 172) }
```

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

```
.background{ background-color:rgb(225,
193, 172) }
```

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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