Converting Colors

RGB(208, 217, 175)

Have a look what the booklet for RGB(208, 217, 175) contains.

Color

RGB(208, 217, 175)

Conversions

Conversions Part 1

Format	Color
Hex	D0D9AF
RGB	208, 217, 175
RGB Percent	82%, 85%, 69%
CMY	0.1843, 0.1490, 0.3137
CMYK	0.04, 0.00, 0.19, 0.15
HSL	73°, 36%, 77%
HSV	73°, 19%, 85%
XYZ	58.5631, 66.1308, 50.2353
YIQ	209.5210, 8.1180, -14.9700

Conversions

Conversions Part 2

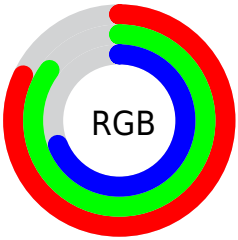
Format	Color
RYB	175, 217, 184
Decimal	13687215
CIELab	85.06, -10.15, 19.70
CIELCh	85, 22.165, 117.254
Yxy	66.1308, 0.3348, 0.3780
Android (android.graphics.Color)	4291877295 (0xFFD0D9AF)
YUV	209.5210, -17.0189, -1.3339
Hunter-Lab	81.3208, -13.7647, 20.2986

Details

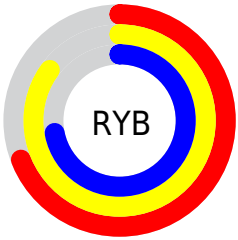
The RGB color 208, 217, 175 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 184, 175, 217, and the grayscale version is 210, 210, 210.

A 20% lighter version of the original color is 255, 255, 231, and 153, 162, 122 is the 20% darker color. If you saturate the color by 10%, you get 203, 217, 153, and if you desaturate by 10%, it is 213, 217, 197.

Distribution

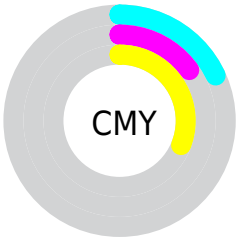


- Red (82%)
- Green (85%)
- Blue (69%)



- Red (69%)
- Yellow (85%)
- Blue (72%)

- Cyan (4%)
- Magenta (0%)
- Yellow (19%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 217, 175 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 208, 217, 175 by changing the saturation by 10% instead.

208, 217, 175

255, 255, 255

255, 255, 231

208, 217, 175

180, 189, 148

153, 162, 122

127, 136, 97

102, 111, 73

78, 86, 50

54, 63, 29

33, 41, 5

2, 21, 0

0, 0, 0

208, 217, 175

203, 217, 153

199, 217, 132

194, 217, 110

189, 217, 88

185, 217, 67

180, 217, 45

175, 217, 23

171, 217, 1

171, 217, 0

208, 217, 175

213, 217, 197

217, 217, 218

222, 217, 240

227, 217, 255

231, 217, 255

236, 217, 255

241, 217, 255

245, 217, 255

250, 217, 255

Harmonies

Analogous

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

231, 210, 171

208, 217, 175

184, 222, 189

Triad

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

208, 217, 175

164, 221, 247

253, 198, 215

Complementary

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

208, 217, 175

184, 175, 217

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.

238, 201, 235

208, 217, 175

186, 215, 254

Square

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

208, 217, 175

156, 224, 231

214, 208, 250

255, 199, 194

Rectangle

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

208, 217, 175

170, 224, 203

214, 208, 250

249, 199, 222

Sweetspot

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

208, 217, 175

252, 255, 240

217, 183, 175

126, 128, 119

0, 0, 0

128, 128, 128

Same Dimension

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

208, 217, 175

242, 255, 196

188, 217, 175

107, 110, 99

136, 173, 0

36, 46, 0

Inverse Universe

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

184, 175, 217

209, 196, 255

204, 175, 217

101, 99, 110

37, 0, 173

10, 0, 46

Previews

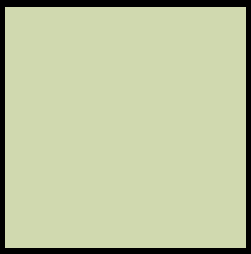
White Background

This preview shows how the RGB color 208, 217, 175 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



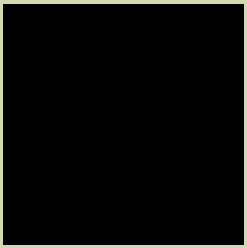
This preview shows how the RGB color 208, 217, 175 looks on a black background.

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 208, 217, 175 Background



This preview shows how black text looks on a background with the RGB color 208, 217, 175.

This preview shows how white text looks on a background with the RGB color 208, 217, 175.

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
208, 217, 175

Protanopia
225, 212, 173

Deuteranopia
245, 204, 178

Tritanopia
215, 210, 226

Trichromacy

Original Color
208, 217, 175

Protanomaly
219, 214, 174

Deuteranomaly
232, 209, 177

Tritanomaly
212, 213, 207

Monochromacy

Original Color
208, 217, 175

Achromatopsia
210, 210, 210

Achromatomaly
209, 213, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 217, 175 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(208, 217, 175) looks like.

```
.text, #text, p{
    color:rgb(208, 217, 175)
}
```

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(208, 217, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 217, 175) }
```

Border

The CSS property to change the border of an element to RGB 208, 217, 175 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(208, 217, 175) }
```

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

```
.border{ border-color:rgb(208, 217, 175) }
```

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

Here you see how a box with a 4 pixel rgb(208, 217, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 217, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 217, 175); box-shadow:4px 4px 4px 4px rgb(208, 217, 175) }
```

Background

The CSS property to change the background color of an element to RGB 208, 217, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(208, 217, 175) }
```

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

```
.background{ background-color:rgb(208,
217, 175) }
```

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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