Converting Colors

RGB(253, 248, 232)

Have a look what the booklet for RGB(253, 248, 232) contains.

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Color

RGB(253, 248, 232)

Conversions

Format	Color
	Conversions Part 1
Hex	FDF8E8
RGB	253, 248, 232
RGB Percent	99%, 97%, 91%
CMY	0.0078, 0.0275, 0.0902
CMYK	0.00, 0.02, 0.08, 0.01
HSL	46°, 84%, 95%
HSV	46°, 8%, 99%
XYZ	88.6409, 93.8436, 89.7857
YIQ	247.6710, 8.1160, -3.9160

Conversions

Conversions Part 2

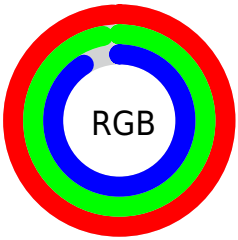
Format	Color
RYB	239, 253, 232
Decimal	16644328
CIELab	97.57, -1.02, 8.26
CIELCh	98, 8.323, 97.017
Yxy	93.8436, 0.3256, 0.3447
Android (android.graphics.Color)	4294834408 (0xFFFDF8E8)
YUV	247.6710, -7.7258, 4.6735
Hunter-Lab	96.8729, -6.1961, 12.8587

Details

The RGB color 253, 248, 232 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 232, 237, 253, and the grayscale version is 248, 248, 248.

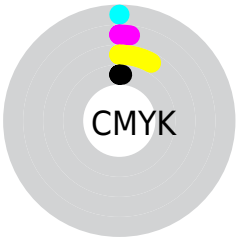
A 20% lighter version of the original color is 255, 255, 255, and 196, 192, 176 is the 20% darker color. If you saturate the color by 10%, you get 253, 242, 207, and if you desaturate by 10%, it is 253, 254, 255.

Distribution

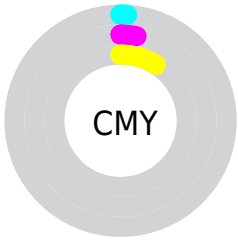


- Red (99%)
- Green (97%)
- Blue (91%)

- Red (94%)
- Yellow (99%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (1%)



- Cyan (1%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 248, 232 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 253, 248, 232 by changing the saturation by 10% instead.

253, 248, 232

255, 255, 255

253, 248, 232

224, 219, 204

196, 192, 176

169, 165, 150

143, 138, 124

117, 113, 99

92, 88, 75

69, 65, 52

46, 43, 31

26, 23, 7

253, 248, 232

253, 242, 207

253, 236, 181

253, 230, 156

253, 224, 131

253, 218, 105

253, 212, 80

253, 206, 55

253, 200, 30

253, 194, 4

253, 248, 232

253, 254, 255

253, 255, 255

Harmonies

Analogous

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

255, 245, 233

253, 248, 232

244, 251, 235

Triad

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

253, 248, 232

229, 252, 255

255, 243, 254

Complementary

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

253, 248, 232

232, 237, 253

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.

252, 245, 255

253, 248, 232

234, 251, 255

Square

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

253, 248, 232

229, 253, 250

242, 248, 255

255, 243, 246

Rectangle

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

253, 248, 232

238, 252, 239

242, 248, 255

255, 244, 255

Sweetspot

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

253, 248, 232

255, 254, 250

253, 232, 237

128, 127, 125

0, 0, 0

128, 128, 128

Same Dimension

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

253, 248, 232

255, 249, 230

248, 253, 232

128, 124, 115

191, 146, 0

64, 49, 0

Inverse Universe

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

232, 237, 253

230, 236, 255

237, 232, 253

115, 118, 128

0, 46, 191

0, 15, 64

Previews

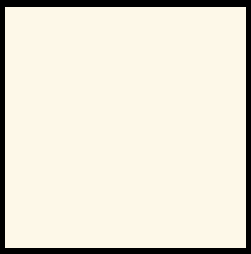
White Background

This preview shows how the RGB color 253, 248, 232 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



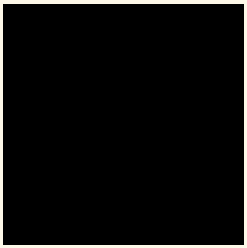
This preview shows how the RGB color 253, 248, 232 looks on a black background.

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 253, 248, 232 Background



This preview shows how black text looks on a background with the RGB color 253, 248, 232.

This preview shows how white text looks on a background with the RGB color 253, 248, 232.

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
253, 248, 232

Protanopia
255, 247, 234

Deuteranopia
255, 246, 245

Tritanopia
252, 246, 255

Trichromacy

Original Color
253, 248, 232

Protanomaly
254, 247, 233

Deuteranomaly
254, 247, 240

Tritanomaly
252, 247, 247

Monochromacy

Original Color
253, 248, 232

Achromatopsia
248, 248, 248

Achromatomaly
250, 248, 242

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 248, 232 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(253, 248, 232) looks like.

```
.text, #text, p{
    color:rgb(253, 248, 232)
}
```

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(253, 248, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 248, 232) }
```

Border

The CSS property to change the border of an element to RGB 253, 248, 232 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(253, 248, 232) }
```

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

```
.border{ border-color:rgb(253, 248, 232) }
```

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

Here you see how a box with a 4 pixel rgb(253, 248, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 248, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 248, 232); box-shadow:4px 4px 4px 4px rgb(253, 248, 232) }
```

Background

The CSS property to change the background color of an element to RGB 253, 248, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(253, 248, 232) }
```

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

```
.background{ background-color:rgb(253,
248, 232) }
```

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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