Converting Colors

RGB(253, 240, 235)

Have a look what the booklet for RGB(253, 240, 235) contains.

RGB(253, 240, 235) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

RGB(253, 240, 235)

Conversions

Format	Color
	Conversions Part 1
Hex	FDF0EB
RGB	253, 240, 235
RGB Percent	99%, 94%, 92%
CMY	0.0078, 0.0588, 0.0784
CMYK	0.00, 0.05, 0.07, 0.01
HSL	17°, 82%, 96%
HSV	17°, 7%, 99%
XYZ	86.6635, 89.2010, 91.2471
YIQ	243.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

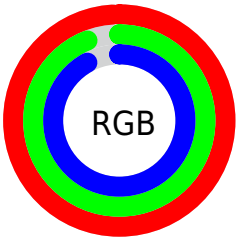
Format	Color
RYB	253, 242, 235
Decimal	16642283
CIELab	95.66, 3.53, 3.96
CIELCh	96, 5.310, 48.297
Yxy	89.2010, 0.3244, 0.3339
Android (android.graphics.Color)	4294832363 (0xFFFDF0EB)
YUV	243.3170, -4.1003, 8.4920
Hunter-Lab	94.4463, -1.4901, 8.8307

Details

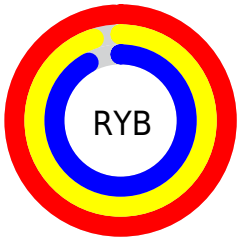
The RGB color 253, 240, 235 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 235, 248, 253, and the grayscale version is 243, 243, 243.

A 20% lighter version of the original color is 255, 255, 255, and 196, 184, 179 is the 20% darker color. If you saturate the color by 10%, you get 253, 222, 210, and if you desaturate by 10%, it is 253, 255, 255.

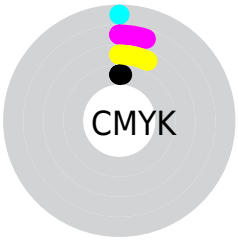
Distribution



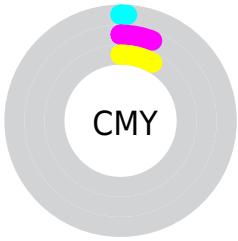
- Red (99%)
- Green (94%)
- Blue (92%)



- Red (99%)
- Yellow (95%)
- Blue (92%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (1%)



- Cyan (1%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 240, 235 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, 240, 235 by changing the saturation by 10% instead.

253, 240, 235

255, 255, 255

253, 240, 235

224, 212, 207

196, 184, 179

169, 157, 153

143, 131, 127

117, 106, 102

92, 82, 78

69, 59, 55

46, 37, 34

26, 16, 11

253, 240, 235

253, 222, 210

253, 203, 184

253, 185, 159

253, 167, 134

253, 149, 109

253, 130, 83

253, 112, 58

253, 94, 33

253, 76, 7

253, 240, 235

253, 255, 255

Harmonies

Analogous

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

254, 239, 239

253, 240, 235

249, 241, 233

Triad

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

253, 240, 235

233, 246, 240

241, 242, 252

Complementary

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

253, 240, 235

235, 248, 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.

235, 244, 252

253, 240, 235

230, 246, 245

Square

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

253, 240, 235

237, 245, 236

231, 245, 250

247, 240, 249

Rectangle

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

253, 240, 235

246, 243, 232

231, 245, 250

239, 242, 253

Sweetspot

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

253, 240, 235

255, 251, 250

253, 235, 248

128, 126, 125

0, 0, 0

128, 128, 128

Same Dimension

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

253, 240, 235

255, 238, 232

253, 249, 235

128, 118, 115

191, 53, 0

64, 18, 0

Inverse Universe

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

235, 248, 253

232, 249, 255

235, 239, 253

115, 124, 128

0, 138, 191

0, 46, 64

Previews

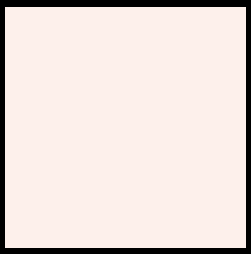
White Background

This preview shows how the RGB color 253, 240, 235 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



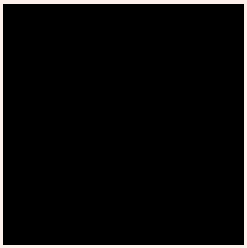
This preview shows how the RGB color 253, 240, 235 looks on a black background.

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, 240, 235 Background



This preview shows how black text looks on a background with the RGB color 253, 240, 235.

This preview shows how white text looks on a background with the RGB color 253, 240, 235.

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, 240, 235

Protanopia
248, 241, 236

Deuteranopia
255, 239, 240

Tritanopia
255, 237, 255

Trichromacy

Original Color
253, 240, 235

Protanomaly
250, 241, 236

Deuteranomaly
254, 239, 238

Tritanomaly
254, 238, 248

Monochromacy

Original Color
253, 240, 235

Achromatopsia
243, 243, 243

Achromatomaly
247, 242, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 240, 235 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, 240, 235) looks like.

```
.text, #text, p{
    color:rgb(253, 240, 235)
}
```

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, 240, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 240, 235) }
```

Border

The CSS property to change the border of an element to RGB 253, 240, 235 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, 240, 235) }
```

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

```
.border{ border-color:rgb(253, 240, 235) }
```

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

Here you see how a box with a 4 pixel rgb(253, 240, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 240, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 240, 235); box-shadow:4px 4px 4px 4px rgb(253, 240, 235) }
```

Background

The CSS property to change the background color of an element to RGB 253, 240, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(253, 240, 235) }
```

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

```
.background{ background-color:rgb(253,
240, 235) }
```

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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