Converting Colors

RGB(253, 231, 220)

Have a look what the booklet for RGB(253, 231, 220) contains.

Color

RGB(253, 231, 220)

Conversions

Format	Color
Hex	FDE7DC
RGB	253, 231, 220
RGB Percent	99%, 91%, 86%
CMY	0.0078, 0.0941, 0.1373
CMYK	0.00, 0.09, 0.13, 0.01
HSL	20°, 89%, 93%
HSV	20°, 13%, 99%
XYZ	82.0022, 83.2018, 79.4477
YIQ	236.3240, 16.6430, 1.2430

Conversions Part 1

Conversions

Conversions Part 2

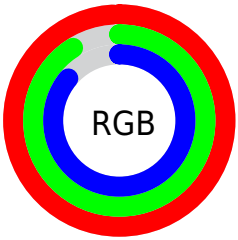
Format	Color
RYB	253, 237, 220
Decimal	16639964
CIELab	93.10, 5.72, 8.05
CIELCh	93, 9.879, 54.612
Yxy	83.2018, 0.3352, 0.3401
Android (android.graphics.Color)	4294830044 (0xFFFDE7DC)
YUV	236.3240, -8.0477, 14.6249
Hunter-Lab	91.2150, 0.8450, 12.2093

Details

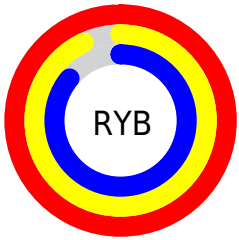
The RGB color 253, 231, 220 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 220, 242, 253, and the grayscale version is 236, 236, 236.

A 20% lighter version of the original color is 255, 255, 255, and 196, 175, 165 is the 20% darker color. If you saturate the color by 10%, you get 253, 214, 195, and if you desaturate by 10%, it is 253, 248, 245.

Distribution

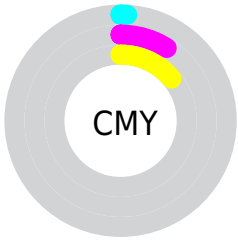


- Red (99%)
- Green (91%)
- Blue (86%)



- Red (99%)
- Yellow (93%)
- Blue (86%)

- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (1%)



- Cyan (1%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 231, 220 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, 231, 220 by changing the saturation by 10% instead.

253, 231, 220

255, 255, 255

253, 231, 220

224, 203, 192

196, 175, 165

169, 149, 139

142, 123, 113

116, 98, 89

92, 74, 65

68, 52, 43

45, 31, 23

25, 6, 0

253, 231, 220

253, 214, 195

253, 197, 169

253, 180, 144

253, 164, 119

253, 147, 94

253, 130, 68

253, 113, 43

253, 96, 18

253, 84, 0

253, 231, 220

253, 248, 245

253, 255, 255

Harmonies

Analogous

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

255, 229, 228

253, 231, 220

245, 234, 216

Triad

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

253, 231, 220

215, 241, 233

235, 233, 252

Complementary

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

253, 231, 220

220, 242, 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.

224, 236, 254

253, 231, 220

212, 241, 243

Square

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

253, 231, 220

224, 240, 224

215, 239, 250

246, 231, 246

Rectangle

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

253, 231, 220

238, 236, 217

215, 239, 250

231, 234, 253

Sweetspot

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

253, 231, 220

255, 248, 245

253, 220, 242

128, 123, 121

0, 0, 0

128, 128, 128

Same Dimension

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

253, 231, 220

255, 228, 214

253, 247, 220

128, 119, 115

191, 64, 0

64, 21, 0

Inverse Universe

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

220, 242, 253

214, 241, 255

220, 226, 253

115, 123, 128

0, 128, 191

0, 43, 64

Previews

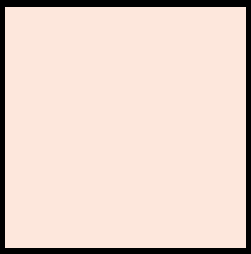
White Background

This preview shows how the RGB color 253, 231, 220 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



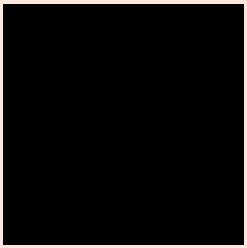
This preview shows how the RGB color 253, 231, 220 looks on a black background.

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, 231, 220 Background



This preview shows how black text looks on a background with the RGB color 253, 231, 220.

This preview shows how white text looks on a background with the RGB color 253, 231, 220.

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, 231, 220

Protanopia
243, 234, 222

Deuteranopia
255, 230, 225

Tritanopia
255, 228, 244

Trichromacy

Original Color
253, 231, 220

Protanomaly
247, 233, 221

Deuteranomaly
254, 230, 223

Tritanomaly
254, 229, 235

Monochromacy

Original Color
253, 231, 220

Achromatopsia
236, 236, 236

Achromatomaly
242, 234, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 231, 220 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, 231, 220) looks like.

```
.text, #text, p{
    color:rgb(253, 231, 220)
}
```

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, 231, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 231, 220) }
```

Border

The CSS property to change the border of an element to RGB 253, 231, 220 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, 231, 220) }
```

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

```
.border{ border-color:rgb(253, 231, 220) }
```

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

Here you see how a box with a 4 pixel rgb(253, 231, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 231, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 231, 220); box-shadow:4px 4px 4px 4px rgb(253, 231, 220) }
```

Background

The CSS property to change the background color of an element to RGB 253, 231, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(253, 231, 220) }
```

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

```
.background{ background-color:rgb(253,
231, 220) }
```

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.

Follow me on Twitter!

@ConvertingColor