Converting Colors

RGB(255, 226, 205)

Have a look what the booklet for RGB(255, 226, 205) contains.

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Color

RGB(255, 226, 205)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2CD
RGB	255, 226, 205
RGB Percent	100%, 89%, 80%
CMY	0.0000, 0.1137, 0.1961
CMYK	0.00, 0.11, 0.20, 0.00
HSL	25°, 100%, 90%
HSV	25°, 20%, 100%
XYZ	79.4558, 80.0605, 69.0231
YIQ	232.2770, 24.0250, -0.3830

Conversions

Conversions Part 2

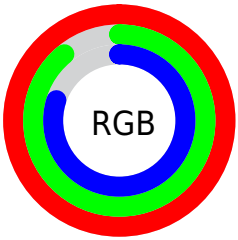
Format	Color
RYB	255, 241, 205
Decimal	16769741
CIELab	91.71, 6.74, 13.90
CIELCh	92, 15.449, 64.148
Yxy	80.0605, 0.3477, 0.3503
Android (android.graphics.Color)	4294959821 (0xFFFFE2CD)
YUV	232.2770, -13.4476, 19.9281
Hunter-Lab	89.4765, 1.9254, 16.8967

Details

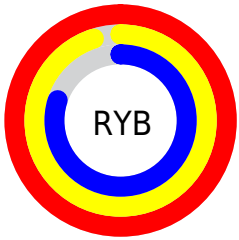
The RGB color 255, 226, 205 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 205, 234, 255, and the grayscale version is 232, 232, 232.

A 20% lighter version of the original color is 255, 255, 255, and 198, 171, 151 is the 20% darker color. If you saturate the color by 10%, you get 255, 211, 179, and if you desaturate by 10%, it is 255, 241, 231.

Distribution

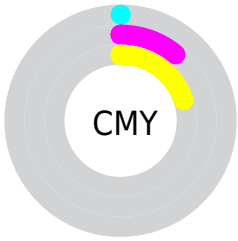


- Red (100%)
- Green (89%)
- Blue (80%)



- Red (100%)
- Yellow (95%)
- Blue (80%)

- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 226, 205 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 255, 226, 205 by changing the saturation by 10% instead.

255, 226, 205

255, 255, 255

255, 226, 205

226, 198, 178

198, 171, 151

170, 144, 125

143, 119, 100

117, 94, 76

92, 70, 53

68, 48, 32

45, 27, 9

22, 1, 0

255, 226, 205

255, 211, 179

255, 196, 154

255, 182, 129

255, 167, 103

255, 152, 78

255, 137, 52

255, 122, 26

255, 108, 1

255, 107, 0

255, 226, 205

255, 241, 231

255, 255, 255

Harmonies

Analogous

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

255, 222, 215

255, 226, 205

241, 231, 202

Triad

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

255, 226, 205

197, 240, 233

237, 227, 255

Complementary

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

255, 226, 205

205, 234, 255

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.

218, 232, 255

255, 226, 205

194, 239, 247

Square

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

255, 226, 205

208, 239, 218

202, 236, 255

253, 223, 244

Rectangle

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

255, 226, 205

230, 234, 204

202, 236, 255

231, 228, 255

Sweetspot

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

255, 226, 205

255, 246, 240

255, 205, 234

128, 122, 119

0, 0, 0

128, 128, 128

Same Dimension

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

255, 226, 205

255, 220, 194

255, 251, 205

128, 120, 115

191, 80, 0

64, 27, 0

Inverse Universe

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

205, 234, 255

194, 229, 255

205, 209, 255

115, 122, 128

0, 111, 191

0, 37, 64

Previews

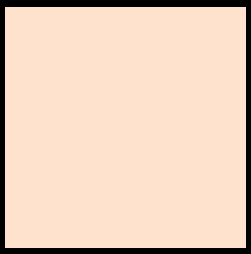
White Background

This preview shows how the RGB color 255, 226, 205 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



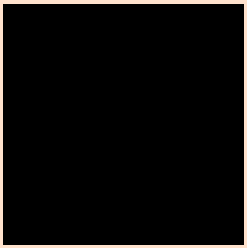
This preview shows how the RGB color 255, 226, 205 looks on a black background.

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 255, 226, 205 Background



This preview shows how black text looks on a background with the RGB color 255, 226, 205.

This preview shows how white text looks on a background with the RGB color 255, 226, 205.

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
255, 226, 205

Protanopia
241, 231, 207

Deuteranopia
255, 225, 213

Tritanopia
255, 223, 237

Trichromacy

Original Color
255, 226, 205

Protanomaly
246, 229, 206

Deuteranomaly
255, 225, 210

Tritanomaly
255, 224, 225

Monochromacy

Original Color
255, 226, 205

Achromatopsia
232, 232, 232

Achromatomaly
240, 230, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 226, 205 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(255, 226, 205) looks like.

```
.text, #text, p{
    color:rgb(255, 226, 205)
}
```

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(255, 226, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 205) }
```

Border

The CSS property to change the border of an element to RGB 255, 226, 205 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(255, 226, 205) }
```

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

```
.border{ border-color:rgb(255, 226, 205) }
```

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

Here you see how a box with a 4 pixel rgb(255, 226, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 226, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 226, 205); box-shadow:4px 4px 4px 4px rgb(255, 226, 205) }
```

Background

The CSS property to change the background color of an element to RGB 255, 226, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(255, 226, 205) }
```

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

```
.background{ background-color:rgb(255,
226, 205) }
```

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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