

Converting Colors

RGB(255, 232, 221)

Have a look what the booklet for
RGB(255, 232, 221) contains.

RGB(255, 232, 221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(255, 232, 221)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8DD
RGB	255, 232, 221
RGB Percent	100%, 91%, 87%
CMY	0.0000, 0.0902, 0.1333
CMYK	0.00, 0.09, 0.13, 0.00
HSL	19°, 100%, 93%
HSV	19°, 13%, 100%
XYZ	83.1478, 84.1937, 80.2753
YIQ	237.6230, 17.2390, 1.4550

Conversions

Conversions Part 2

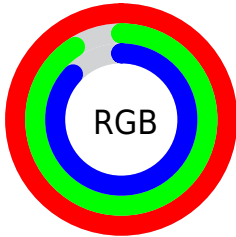
Format	Color
RYB	255, 237, 221
Decimal	16771293
CIELab	93.53, 6.07, 8.18
CIELCh	94, 10.180, 53.425
Yxy	84.1937, 0.3358, 0.3400
Android (android.graphics.Color)	4294961373 (0xFFFFE8DD)
YUV	237.6230, -8.1951, 15.2396
Hunter-Lab	91.7571, 1.1768, 12.3591

Details

The RGB color **255, 232, 221** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **221, 244, 255**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 176, 166** is the 20% darker color. If you saturate the color by 10%, you get **255, 215, 196**, and if you desaturate by 10%, it is 255, 249, 247.

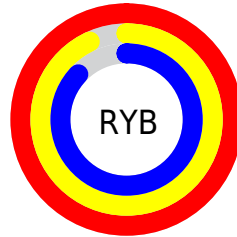
Distribution



Red (100%)

Green (91%)

Blue (87%)



Red (100%)

Yellow (93%)

Blue (87%)



Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 232, 221 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, 232, 221 by changing the saturation by 10% instead.


 255, 232, 221

255, 255, 255

 255, 232, 221


 226, 204, 193

 198, 176, 166


 171, 150, 140

 144, 124, 114

 118, 99, 90

 93, 75, 66

 69, 53, 44

 46, 31, 24

 27, 8, 0

255, 232, 221

255, 232, 221

255, 215, 196

255, 249, 247

255, 197, 170

255, 255, 255

255, 180, 145

255, 163, 119

255, 146, 94

255, 128, 68

255, 111, 43

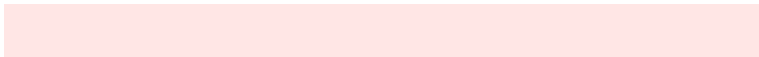
255, 94, 17

255, 82, 0

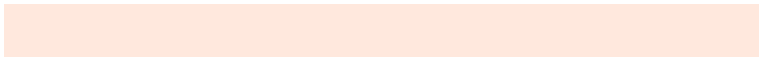
Harmonies

Analogous

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



255, 230, 229



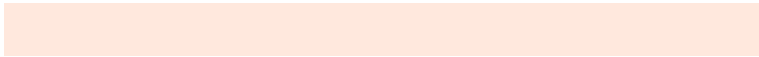
255, 232, 221



247, 235, 217

Triad

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



255, 232, 221



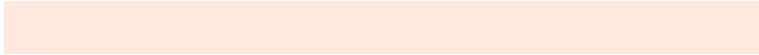
216, 242, 234



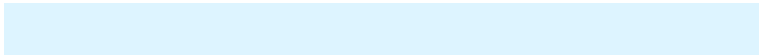
236, 235, 254

Complementary

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



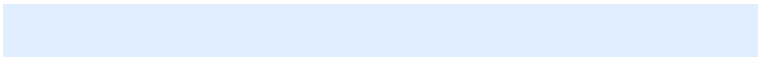
255, 232, 221



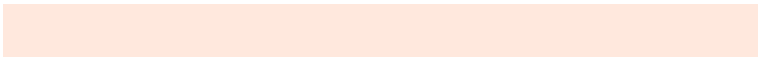
221, 244, 255

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.



224, 238, 255



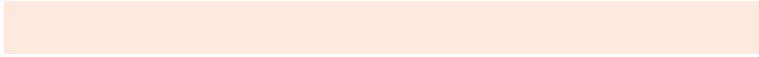
255, 232, 221



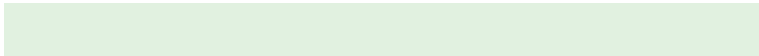
212, 242, 244

Square

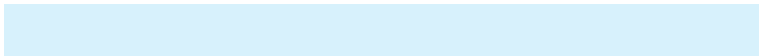
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



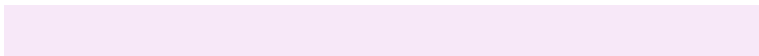
255, 232, 221



225, 241, 224



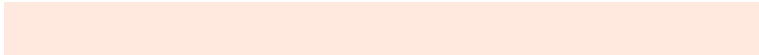
215, 241, 252



247, 232, 248

Rectangle

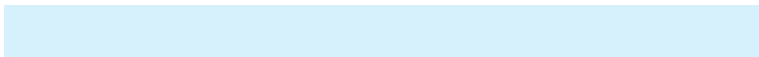
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 232, 221



240, 237, 217



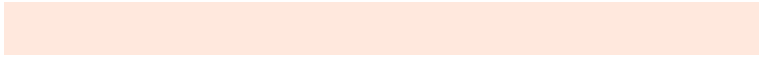
215, 241, 252



232, 236, 255

Sweetspot

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



255, 232, 221



255, 248, 245



255, 221, 244



128, 123, 121



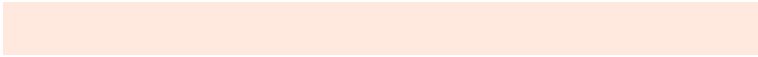
0, 0, 0



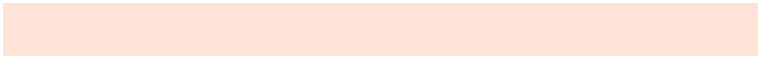
128, 128, 128

Same Dimension

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



255, 232, 221



255, 227, 214



255, 249, 221



128, 119, 115



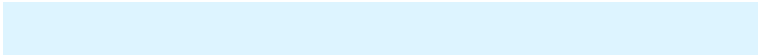
191, 62, 0



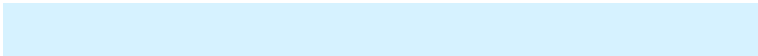
64, 21, 0

Inverse Universe

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



221, 244, 255



214, 242, 255



221, 227, 255



115, 123, 128



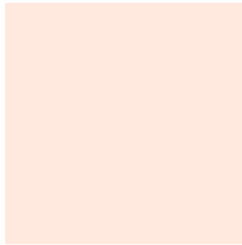
0, 129, 191



0, 43, 64

Previews

White Background



This preview shows how the RGB color 255, 232, 221 looks on a white background.

Color Contrast Check

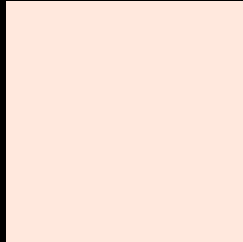
Large Text (above 18pt) WCAG AA × Fail

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, 232, 221 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

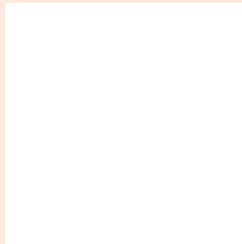
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 255, 232, 221 Background



This preview shows how black text looks on a background with the RGB color 255, 232, 221.

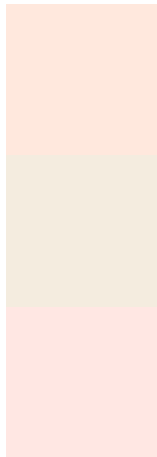


This preview shows how white text looks on a background with the RGB color 255, 232, 221.

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, 232, 221

Protanopia
244, 236, 223

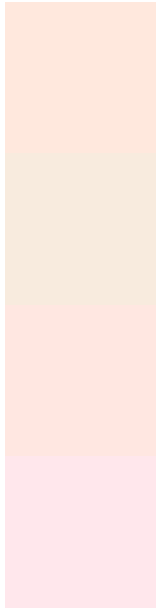
Deuteranopia
255, 231, 227



Tritanopia

255, 230, 245

Trichromacy



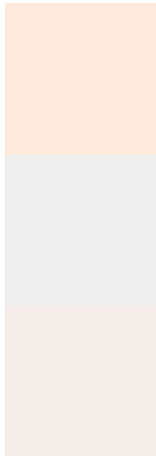
Original Color
255, 232, 221

Protanomaly
248, 235, 222

Deuteranomaly
255, 231, 225

Tritanomaly
255, 231, 236

Monochromacy



Original Color
255, 232, 221

Achromatopsia
238, 238, 238

Achromatomaly
244, 236, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 232, 221 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, 232, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 221)  
}
```

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, 232, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 221) }
```

Border

The CSS property to change the border of an element to RGB 255, 232, 221 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, 232, 221) }
```

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

```
.border{ border-color:rgb(255, 232, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 255, 232, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 221) }
```

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

```
.background{ background-color: rgb(255,  
232, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor