

Converting Colors

`RYB(248, 220, 208)`

Have a look what the booklet for
RYB(248, 220, 208) contains.

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Color

R_YB(248, 220, 208)

Conversions

Conversions Part 1

Format	Color
Hex	F8D9D0
RGB	248, 217, 208
RGB Percent	97%, 85%, 82%
CMY	0.0275, 0.1481, 0.1843
CMYK	0.00, 0.12, 0.16, 0.03
HSL	14°, 74%, 89%
HSV	14°, 16%, 97%
XYZ	74.9689, 74.2553, 70.0559
YIQ	225.2430, 21.3650, 3.7730

Conversions

Conversions Part 2

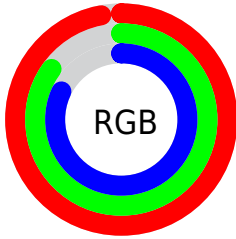
Format	Color
R _Y B	248, 220, 208
Decimal	16308688
CIE Lab	89.04, 9.20, 8.45
CIE LCh	89, 12.493, 42.554
Yxy	74.2553, 0.3419, 0.3386
Android (android.graphics.Color)	4294498768 (0xFFFF8D9D0)
YUV	225.2430, -8.5008, 19.9579
Hunter-Lab	86.1715, 4.4943, 12.1183

Details

The RYB color **248, 220, 208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **208, 225, 248**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **191, 164, 154** is the 20% darker color. If you saturate the color by 10%, you get **248, 203, 183**, and if you desaturate by 10%, it is **248, 237, 233**.

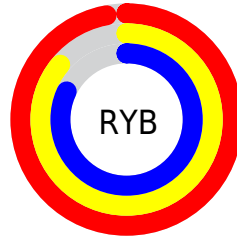
Distribution



Red (97%)

Green (85%)

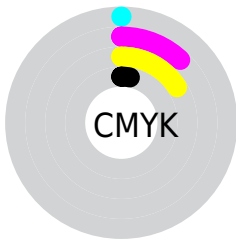
Blue (82%)



Red (97%)

Yellow (86%)

Blue (82%)

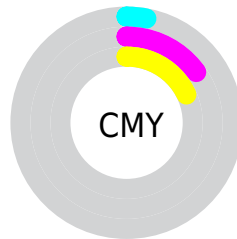


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (3%)



Cyan (3%)

Magenta (15%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 220, 208 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 RYB color 248, 220, 208 by changing the saturation by 10% instead.


 248, 220, 208

255, 255, 255

 248, 220, 208

 219, 192, 180

 191, 164, 154

 164, 138, 128

 137, 113, 103

 112, 88, 79

 87, 65, 56

 63, 43, 34

 40, 22, 13

 13, 0, 0

248, 220, 208

248, 220, 208

248, 203, 183

248, 237, 233

248, 185, 158

248, 252, 255

248, 168, 134

248, 151, 109

248, 133, 84

248, 116, 59

248, 99, 34

248, 82, 10

248, 74, 0

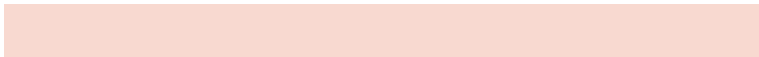
Harmonies

Analogous

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



249, 216, 219



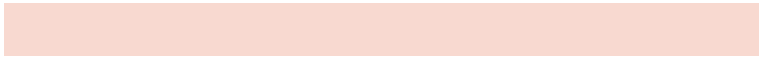
248, 220, 208



240, 238, 201

Triad

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



248, 220, 208



202, 221, 230



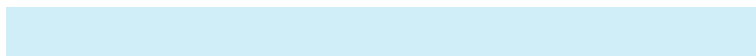
217, 222, 247

Complementary

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



248, 220, 208



208, 225, 248

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.



204, 219, 246



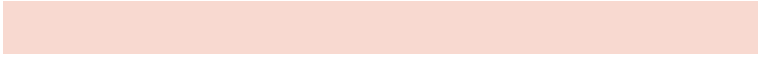
248, 220, 208



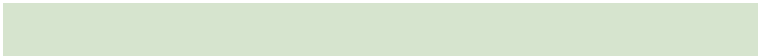
195, 214, 231

Square

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



248, 220, 208



206, 228, 220



195, 214, 239



232, 219, 241

Rectangle

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



248, 220, 208



214, 233, 200



195, 214, 239



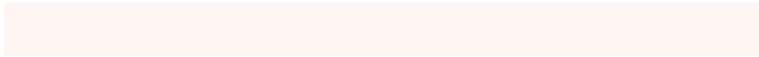
212, 221, 247

Sweetspot

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



248, 220, 208



255, 246, 242



248, 208, 239



128, 123, 120



0, 0, 0



128, 128, 128

Same Dimension

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



248, 220, 208



255, 221, 207



223, 248, 208



125, 116, 112



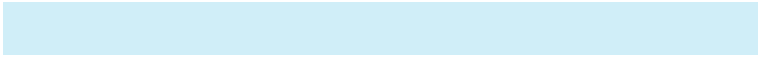
189, 57, 0



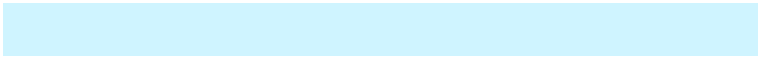
61, 18, 0

Inverse Universe

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



208, 225, 248



207, 228, 255



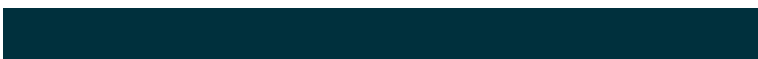
208, 217, 248



112, 118, 125



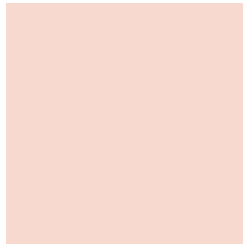
0, 82, 189



0, 27, 61

Previews

White Background



This preview shows how the RYB color 248, 220, 208 looks on a white background.

Color Contrast Check

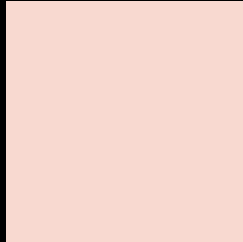
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 248, 220, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

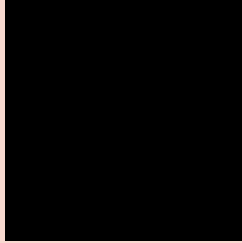
Any Text WCAG AA ✓ Pass

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](#).

RYB 248, 220, 208 Background



This preview shows how black text looks on a background with the RYB color 248, 220, 208.

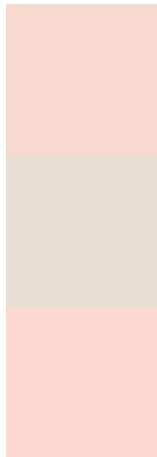


This preview shows how white text looks on a background with the RYB color 248, 220, 208.

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
248, 220, 208

Protanopia
224, 231, 211

Deuteranopia
251, 218, 208



Tritanopia
251, 214, 231

Trichromacy



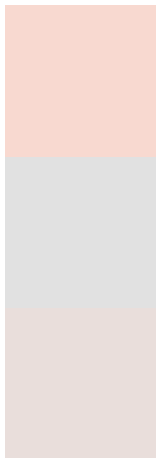
Original Color
248, 220, 208

Protanomaly
237, 229, 210

Deuteranomaly
250, 218, 208

Tritanomaly
250, 215, 223

Monochromacy



Original Color
248, 220, 208

Achromatopsia
225, 225, 225

Achromatomaly
233, 223, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 220, 208 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(248, 217, 208) looks like.

```
.text, #text, p{  
    color:rgb(248, 217, 208)  
}
```

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(248, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 217, 208) }
```

Border

The CSS property to change the border of an element to RYB 248, 220, 208 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(248, 217, 208) }
```

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

```
.border{ border-color:rgb(248, 217, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 217, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 217, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 217, 208);  
box-shadow:4px 4px 4px 4px rgb(248, 217,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 248, 220, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 217, 208) }
```

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

```
.background{ background-color: rgb(248,  
217, 208) }
```

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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