

Converting Colors

`RYB(248, 220, 227)`

Have a look what the booklet for
RYB(248, 220, 227) contains.

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Color

R_YB(248, 220, 227)

Conversions

Conversions Part 1

Format	Color
Hex	F8DCE3
RGB	248, 220, 227
RGB Percent	97%, 86%, 89%
CMY	0.0275, 0.1373, 0.1098
CMYK	0.00, 0.11, 0.08, 0.03
HSL	345°, 67%, 92%
HSV	345°, 11%, 97%
XYZ	78.1697, 76.6889, 83.3555
YIQ	229.1700, 14.4410, 8.1130

Conversions

Conversions Part 2

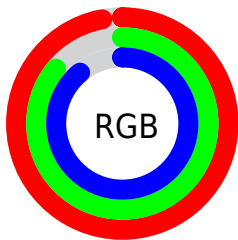
Format	Color
R _Y B	248, 220, 227
Decimal	16309475
CIE Lab	90.18, 10.79, 0.11
CIE LCh	90, 10.793, 0.566
Yxy	76.6889, 0.3281, 0.3219
Android (android.graphics.Color)	4294499555 (0xFFFF8DCE3)
YUV	229.1700, -1.0698, 16.5139
Hunter-Lab	87.5722, 6.0834, 4.8654

Details

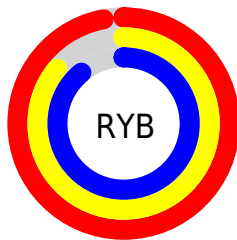
The RYB color **248, 220, 227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **220, 236, 248**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **191, 165, 172** is the 20% darker color. If you saturate the color by 10%, you get **248, 195, 208**, and if you desaturate by 10%, it is **248, 245, 246**.

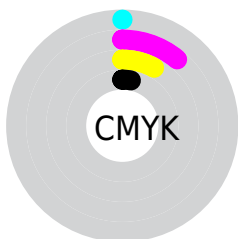
Distribution



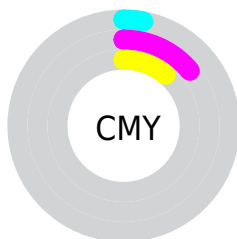
- Red (97%)
- Green (86%)
- Blue (89%)



- Red (97%)
- Yellow (86%)
- Blue (89%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (3%)



- Cyan (3%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 220, 227 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, 227 by changing the saturation by 10% instead.

 248, 220, 227

255, 255, 255

 248, 220, 227

 219, 192, 199

 191, 165, 172

 164, 139, 145

 138, 113, 120

 112, 89, 95

 88, 65, 71


 64, 43, 49

 42, 22, 28


 23, 0, 1

 248, 220, 227

 248, 220, 227

 248, 195, 208

 248, 245, 246


 248, 170, 190

 248, 252, 255

 248, 146, 171

 248, 121, 153

 248, 96, 134

 248, 71, 115

 248, 46, 97

 248, 22, 78

 248, 0, 62

Harmonies

Analogous

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



241, 221, 237



248, 220, 227



249, 222, 217

Triad

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



248, 220, 227



209, 229, 214



206, 221, 244

Complementary

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



248, 220, 227



220, 236, 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.



201, 218, 237



248, 220, 227



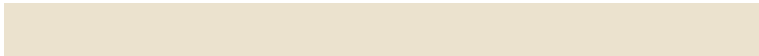
212, 229, 232

Square

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



248, 220, 227



219, 235, 206



204, 220, 233



217, 225, 247

Rectangle

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



248, 220, 227



247, 227, 211



204, 220, 233



204, 220, 242

Sweetspot

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



248, 220, 227



255, 247, 249



241, 220, 248



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

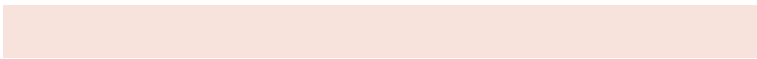
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248, 220, 227



255, 219, 228



248, 229, 220



125, 112, 116



189, 0, 47



61, 0, 15

Inverse Universe

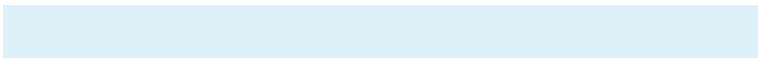
The Inverse Universe completely reimagines the original color for something new.



248, 220, 227



255, 219, 228



220, 232, 248



125, 112, 116



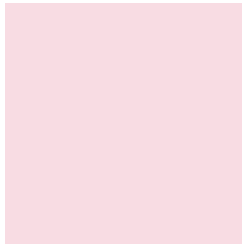
189, 0, 47



61, 0, 15

Previews

White Background



This preview shows how the RYB color 248, 220, 227 looks on a white background.

Color Contrast Check

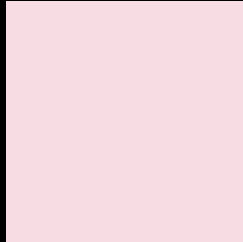
Large Text (above 18pt) WCAG AA × Fail

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, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

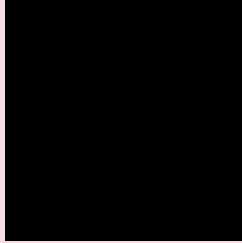
Any Text WCAG AA ✓ Pass

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](#).

R Y B 248, 220, 227 Background



This preview shows how black text looks on a background with the RYB color 248, 220, 227.

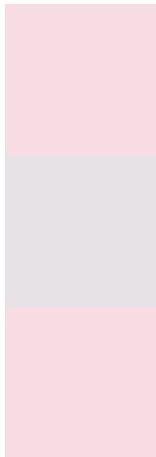


This preview shows how white text looks on a background with the RYB color 248, 220, 227.

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, 227

Protanopia
230, 226, 230

Deuteranopia
249, 220, 227



Tritanopia

249, 219, 236

Trichromacy



Original Color

248, 220, 227

Protanomaly

237, 224, 229

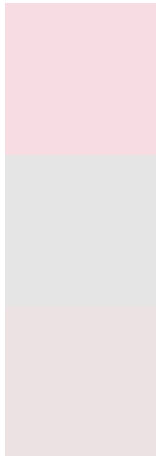
Deuteranomaly

249, 220, 227

Tritanomaly

249, 219, 233

Monochromacy



Original Color

248, 220, 227

Achromatopsia

229, 229, 229

Achromatomaly

236, 226, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 220, 227 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, 220, 227) looks like.

```
.text, #text, p{  
    color:rgb(248, 220, 227)  
}
```

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, 220, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 220, 227) }
```

Border

The CSS property to change the border of an element to RYB 248, 220, 227 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, 220, 227) }
```

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

```
.border{ border-color:rgb(248, 220, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 220, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 220, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 220, 227);  
box-shadow:4px 4px 4px 4px rgb(248, 220,  
227) }
```

Background

The CSS property to change the background color of an element to RYB 248, 220, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 220, 227) }
```

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

```
.background{ background-color: rgb(248,  
220, 227) }
```

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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