

Converting Colors

`RYB(248, 185, 225)`

Have a look what the booklet for
RYB(248, 185, 225) contains.

RYB(248, 185, 225)	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

$\text{RYB}(248, 185, 225)$

Conversions

Conversions Part 1

Format	Color
Hex	F8B9E1
RGB	248, 185, 225
RGB Percent	97%, 73%, 88%
CMY	0.0275, 0.2745, 0.1176
CMYK	0.00, 0.25, 0.09, 0.03
HSL	322°, 82%, 85%
HSV	322°, 25%, 97%
XYZ	69.6510, 60.0906, 79.1618
YIQ	208.3970, 24.7080, 25.7960

Conversions

Conversions Part 2

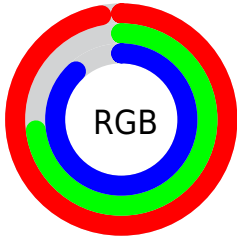
Format	Color
R _Y B	248, 185, 225
Decimal	16300513
CIE Lab	81.89, 28.85, -11.07
CIE LCh	82, 30.903, 339.015
Yxy	60.0906, 0.3334, 0.2876
Android (android.graphics.Color)	4294490593 (0xFFFF8B9E1)
YUV	208.3970, 8.1853, 34.7318
Hunter-Lab	77.5181, 24.7276, -6.2845

Details

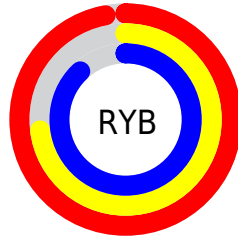
The RYB color **248, 185, 225** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **185, 231, 248**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **255, 241, 255**, and **191, 131, 170** is the 20% darker color. If you saturate the color by 10%, you get **248, 160, 216**, and if you desaturate by 10%, it is **248, 210, 234**.

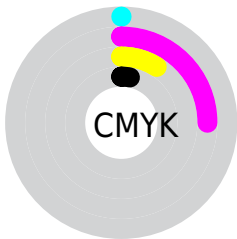
Distribution



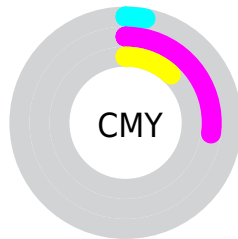
- Red (97%)
- Green (73%)
- Blue (88%)



- Red (97%)
- Yellow (73%)
- Blue (88%)



- Cyan (0%)
- Magenta (25%)
- Yellow (9%)
- Black (3%)



- Cyan (3%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the RYB color 248, 185, 225 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, 185, 225 by changing the saturation by 10% instead.


 248, 185, 225

255, 255, 255

 255, 241, 255

 248, 185, 225

 219, 158, 197

 191, 131, 170

 163, 106, 143

 136, 81, 118

 110, 57, 93

 85, 34, 69


 61, 9, 47

 40, 0, 27

 0, 0, 0

 248, 185, 225

 248, 185, 225

 248, 160, 216


 248, 210, 234

 248, 135, 207


 248, 235, 243


 248, 111, 198


 248, 252, 255

 248, 86, 189

 248, 252, 255

 248, 61, 180

 248, 36, 171

 248, 11, 162

 248, 0, 157

Harmonies

Analogous

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



219, 193, 249



248, 185, 225



255, 182, 196

Triad

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



248, 185, 225



159, 216, 146



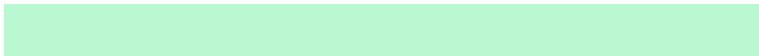
116, 172, 239

Complementary

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



248, 185, 225



185, 231, 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.



123, 174, 220



248, 185, 225



158, 213, 187

Square

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



248, 185, 225



242, 238, 150



150, 196, 218



140, 184, 255

Rectangle

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



248, 185, 225



255, 185, 177



150, 196, 218



115, 170, 231

Sweetspot

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



248, 185, 225



255, 235, 248



207, 185, 248



128, 115, 123



0, 0, 0



128, 128, 128

Same Dimension

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



248, 185, 225



255, 179, 227



248, 185, 194



125, 112, 120



189, 0, 120



61, 0, 39

Inverse Universe

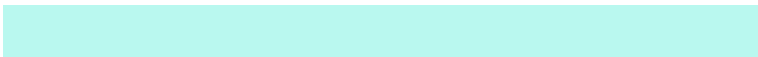
The Inverse Universe completely reimagines the original color for something new.



248, 185, 225



255, 179, 227



185, 219, 248



125, 112, 120



189, 0, 120



61, 0, 39

Previews

White Background



This preview shows how the RYB color 248, 185, 225 looks on a white background.

Color Contrast Check

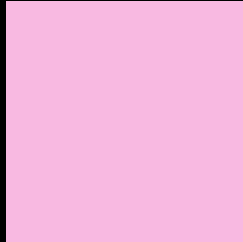
Large Text (above 18pt) WCAG AA × Fail

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, 185, 225 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, 185, 225 Background



This preview shows how black text looks on a background with the RYB color 248, 185, 225.



This preview shows how white text looks on a background with the RYB color 248, 185, 225.

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, 185, 225

Protanopia
198, 202, 236

Deuteranopia
215, 198, 223



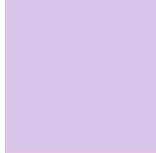
Tritanopia
245, 189, 203

Trichromacy



Original Color

248, 185, 225



Protanomaly

216, 196, 232



Deuteranomaly

227, 193, 224



Tritanomaly

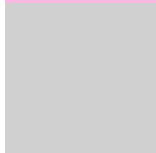
246, 188, 211

Monochromacy



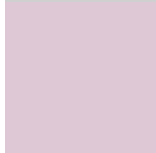
Original Color

248, 185, 225



Achromatopsia

208, 208, 208



Achromatomaly

223, 200, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 185, 225 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, 185, 225) looks like.

```
.text, #text, p{  
    color:rgb(248, 185, 225)  
}
```

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, 185, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 185, 225) }
```

Border

The CSS property to change the border of an element to RYB 248, 185, 225 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, 185, 225) }
```

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

```
.border{ border-color:rgb(248, 185, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 185, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 185, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 185, 225);  
box-shadow:4px 4px 4px 4px rgb(248, 185,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 248, 185, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 185, 225) }
```

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

```
.background{ background-color: rgb(248,  
185, 225) }
```

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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