

Converting Colors

`RYB(225, 184, 211)`

Have a look what the booklet for
RYB(225, 184, 211) contains.

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Color

R_YB(225, 184, 211)

Conversions

Conversions Part 1

Format	Color
Hex	E1B8D3
RGB	225, 184, 211
RGB Percent	88%, 72%, 83%
CMY	0.1176, 0.2784, 0.1725
CMYK	0.00, 0.18, 0.06, 0.12
HSL	320°, 41%, 80%
HSV	320°, 18%, 88%
XYZ	59.9497, 54.9917, 69.0828
YIQ	199.3370, 15.7690, 17.0890

Conversions

Conversions Part 2

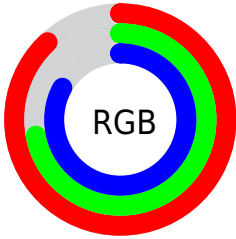
Format	Color
R _Y B	225, 184, 211
Decimal	14792915
CIE Lab	79.04, 19.16, -8.00
CIE LCh	79, 20.762, 337.334
Yxy	54.9917, 0.3258, 0.2988
Android (android.graphics.Color)	4292982995 (0xFFE1B8D3)
YUV	199.3370, 5.7499, 22.5065
Hunter-Lab	74.1564, 14.5298, -3.3241

Details

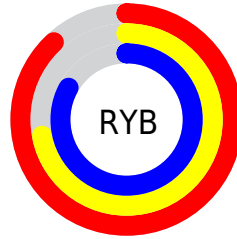
The RYB color **225, 184, 211** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **184, 215, 225**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 240, 255**, and **169, 131, 156** is the 20% darker color. If you saturate the color by 10%, you get **225, 162, 203**, and if you desaturate by 10%, it is **225, 207, 219**.

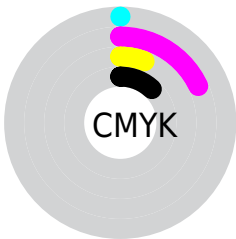
Distribution



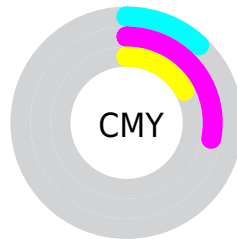
- Red (88%)
- Green (72%)
- Blue (83%)



- Red (88%)
- Yellow (72%)
- Blue (83%)



- Cyan (0%)
- Magenta (18%)
- Yellow (6%)
- Black (12%)




- Cyan (12%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the RYB color 225, 184, 211 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 225, 184, 211 by changing the saturation by 10% instead.


 225, 184, 211


 225, 184, 211

255, 255, 255

 197, 157, 183

 255, 240, 255

 169, 131, 156

 143, 105, 130

 117, 81, 105

 92, 58, 81

 68, 35, 58


 45, 14, 37

 25, 0, 15

 0, 0, 0

 225, 184, 211


 225, 184, 211

 225, 162, 203

 225, 207, 219

 225, 139, 196


 225, 228, 229

 225, 117, 188

 225, 244, 251

 225, 94, 180

 225, 244, 255

 225, 71, 173

 225, 242, 255

 225, 49, 165

 225, 240, 255

 225, 26, 157

 225, 4, 150

 225, 0, 148

Harmonies

Analogous

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



205, 189, 226



225, 184, 211



235, 182, 192

Triad

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



225, 184, 211



170, 206, 157



144, 178, 218

Complementary

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



225, 184, 211



184, 215, 225

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.



147, 179, 207



225, 184, 211



165, 202, 183

Square

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



225, 184, 211



224, 215, 161



163, 194, 206



157, 185, 231

Rectangle

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



225, 184, 211



236, 183, 179



163, 194, 206



143, 176, 213

Sweetspot

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



225, 184, 211



255, 242, 251



198, 184, 225



128, 120, 125



0, 0, 0



128, 128, 128

Same Dimension

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



225, 184, 211



255, 199, 236



225, 184, 191



112, 101, 108



176, 0, 116



48, 0, 32

Inverse Universe

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



225, 184, 211



255, 199, 236



184, 206, 225



112, 101, 108



176, 0, 116



48, 0, 32

Previews

White Background



This preview shows how the RYB color 225, 184, 211 looks on a white background.

Color Contrast Check

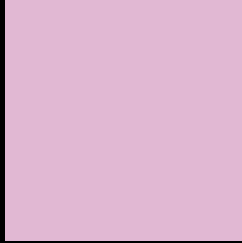
Large Text (above 18pt) WCAG AA × Fail

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 225, 184, 211 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 225, 184, 211 Background



This preview shows how black text looks on a background with the RYB color 225, 184, 211.



This preview shows how white text looks on a background with the RYB color 225, 184, 211.

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
225, 184, 211

Protanopia
193, 195, 218

Deuteranopia
209, 190, 210



Tritanopia
224, 186, 200

Trichromacy



Original Color
225, 184, 211

Protanomaly
205, 191, 215

Deuteranomaly
215, 188, 210

Tritanomaly
224, 185, 204

Monochromacy



Original Color
225, 184, 211

Achromatopsia
199, 199, 199

Achromatomaly
208, 194, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 184, 211 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(225, 184, 211) looks like.

```
.text, #text, p{  
    color:rgb(225, 184, 211)  
}
```

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(225, 184, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 184, 211) }
```

Border

The CSS property to change the border of an element to RYB 225, 184, 211 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(225, 184, 211) }
```

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

```
.border{ border-color:rgb(225, 184, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 184, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 184, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 184, 211);  
box-shadow:4px 4px 4px 4px rgb(225, 184,  
211) }
```

Background

The CSS property to change the background color of an element to RYB 225, 184, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 184, 211) }
```

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

```
.background{ background-color: rgb(225,  
184, 211) }
```

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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