

Converting Colors

`RYB(224, 185, 222)`

Have a look what the booklet for RYB(224, 185, 222) contains.

RYB(224, 185, 222)	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

R_YB(224, 185, 222)

Conversions

Conversions Part 1

Format	Color
Hex	E0B9DE
RGB	224, 185, 222
RGB Percent	88%, 73%, 87%
CMY	0.1216, 0.2745, 0.1294
CMYK	0.00, 0.17, 0.01, 0.12
HSL	303°, 39%, 80%
HSV	303°, 17%, 88%
XYZ	61.2742, 55.8191, 76.6519
YIQ	200.8790, 11.3670, 19.7750

Conversions

Conversions Part 2

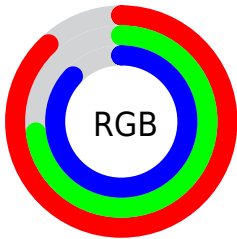
Format	Color
R_{YB}	224, 185, 222
Decimal	14727646
CIE _{Lab}	79.51, 20.25, -13.24
CIE _{LCh}	80, 24.195, 326.814
Yxy	55.8191, 0.3163, 0.2881
Android (android.graphics.Color)	4292917726 (0xFFE0B9DE)
YUV	200.8790, 10.4127, 20.2771
Hunter-Lab	74.7122, 15.6481, -8.5308

Details

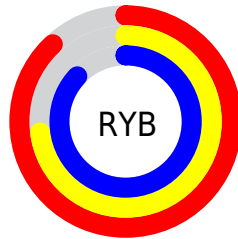
The RYB color **224, 185, 222** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **185, 222, 224**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 241, 255**, and **168, 132, 167** is the 20% darker color. If you saturate the color by 10%, you get **224, 163, 221**, and if you desaturate by 10%, it is **224, 207, 223**.

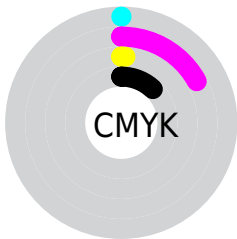
Distribution



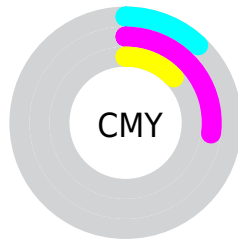
- Red (88%)
- Green (73%)
- Blue (87%)



- Red (88%)
- Yellow (73%)
- Blue (87%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (12%)



- Cyan (12%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 185, 222 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 224, 185, 222 by changing the saturation by 10% instead.

■ 224, 185, 222

255, 255, 255

■ 255, 241, 255

■ 224, 185, 222

■ 196, 158, 194

■ 168, 132, 167

■ 142, 106, 140

■ 116, 82, 115


■ 91, 58, 90

■ 67, 36, 67


■ 44, 15, 45

■ 26, 0, 24


■ 0, 0, 0

 224, 185, 222

 224, 185, 222

 224, 163, 221

 224, 207, 223

 224, 140, 220

 224, 230, 230

 224, 118, 219

 224, 251, 252

 224, 95, 217

 224, 252, 255

 224, 73, 216

 224, 251, 255

 224, 51, 215

 224, 251, 255

 224, 28, 214

 224, 250, 255

 224, 6, 213

 224, 249, 255

 224, 0, 213

 224, 249, 255

Harmonies

Analogous

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



198, 192, 237



224, 185, 222



240, 181, 200

Triad

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



224, 185, 222



183, 216, 152



134, 173, 216

Complementary

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



224, 185, 222



185, 222, 224

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.



144, 182, 210



224, 185, 222



156, 202, 166

Square

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



224, 185, 222



235, 202, 160



167, 203, 207



142, 180, 234

Rectangle

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



224, 185, 222



244, 181, 185



167, 203, 207



135, 173, 210

Sweetspot

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



224, 185, 222



255, 242, 254



187, 185, 224



128, 120, 127



0, 0, 0



128, 128, 128

Same Dimension

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



224, 185, 222



255, 201, 252



224, 185, 203



112, 101, 112



176, 0, 167



48, 0, 46

Inverse Universe

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



224, 185, 222



255, 201, 252



185, 210, 224



112, 101, 112



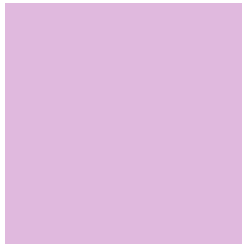
176, 0, 167



48, 0, 46

Previews

White Background



This preview shows how the RYB color 224, 185, 222 looks on a white background.

Color Contrast Check

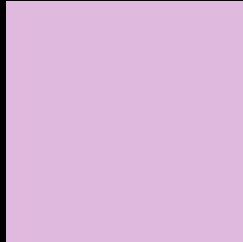
Large Text (above 18pt) WCAG AA × Fail

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 224, 185, 222 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 224, 185, 222 Background



This preview shows how black text looks on a background with the RYB color 224, 185, 222.




This preview shows how white text looks on a background with the RYB color 224, 185, 222.

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





Tritanopia
221, 188, 203

Trichromacy



Original Color
224, 185, 222

Protanomaly
203, 192, 226

Deuteranomaly
212, 189, 221

Tritanomaly
222, 187, 210

Monochromacy



Original Color
224, 185, 222

Achromatopsia
201, 201, 201

Achromatomaly
209, 195, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 185, 222 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(224, 185, 222) looks like.

```
.text, #text, p{  
    color:rgb(224, 185, 222)  
}
```

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(224, 185, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 185, 222) }
```

Border

The CSS property to change the border of an element to RYB 224, 185, 222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

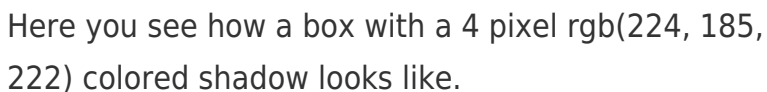
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 185, 222) }
```

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

```
.border{ border-color:rgb(224, 185, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 185, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 185, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 185, 222); box-shadow:4px 4px 4px 4px rgb(224, 185, 222) }
```

Background

The CSS property to change the background color of an element to RYB 224, 185, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 185, 222) }
```

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

```
.background{ background-color: rgb(224,  
185, 222) }
```

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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