

Converting Colors

`RYB(224, 183, 204)`

Have a look what the booklet for
RYB(224, 183, 204) contains.

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Color

R_YB(224, 183, 204)

Conversions

Conversions Part 1

Format	Color
Hex	E0B7CC
RGB	224, 183, 204
RGB Percent	88%, 72%, 80%
CMY	0.1216, 0.2824, 0.2000
CMYK	0.00, 0.18, 0.09, 0.12
HSL	329°, 40%, 80%
HSV	329°, 18%, 88%
XYZ	58.5730, 54.0739, 64.4769
YIQ	197.6530, 17.6950, 15.2230

Conversions

Conversions Part 2

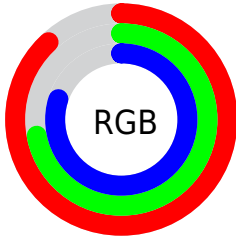
Format	Color
R_{YB}	224, 183, 204
Decimal	14727116
CIE Lab	78.50, 18.14, -5.01
CIE LCh	79, 18.821, 344.563
Yxy	54.0739, 0.3307, 0.3053
Android (android.graphics.Color)	4292917196 (0xFFE0B7CC)
YUV	197.6530, 3.1291, 23.1063
Hunter-Lab	73.5350, 13.4950, -0.5122

Details

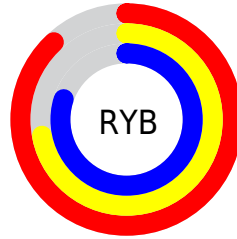
The RYB color **224, 183, 204** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **183, 211, 224**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 239, 255**, and **168, 130, 150** is the 20% darker color. If you saturate the color by 10%, you get **224, 161, 193**, and if you desaturate by 10%, it is **224, 205, 215**.

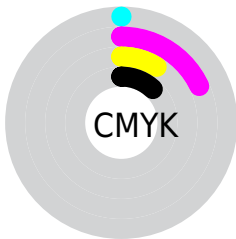
Distribution



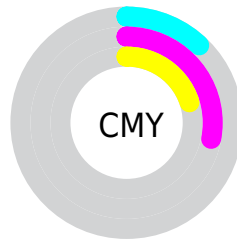
- Red (88%)
- Green (72%)
- Blue (80%)



- Red (88%)
- Yellow (72%)
- Blue (80%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (12%)



- Cyan (12%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 183, 204 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, 183, 204 by changing the saturation by 10% instead.

■ 224, 183, 204

255, 255, 255

■ 255, 239, 255

■ 224, 183, 204

■ 196, 156, 177

■ 168, 130, 150

■ 142, 105, 124

■ 116, 80, 99

■ 91, 57, 75

■ 67, 35, 53

■ 44, 14, 31

■ 23, 0, 6

■ 0, 0, 0

■ 224, 183, 204

■ 224, 183, 204

■ 224, 161, 193

■ 224, 205, 215

■ 224, 138, 182

■ 224, 227, 228

■ 224, 116, 171

■ 224, 241, 250

■ 224, 93, 160

■ 224, 241, 255

■ 224, 71, 149

■ 224, 240, 255

■ 224, 49, 138

■ 224, 26, 128

■ 224, 4, 117

■ 224, 0, 115

Harmonies

Analogous

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



208, 187, 219



224, 183, 204



231, 182, 186

Triad

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



224, 183, 204



163, 199, 160



150, 180, 218

Complementary

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



224, 183, 204



183, 211, 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.



149, 177, 204



224, 183, 204



169, 201, 191

Square

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



224, 183, 204



213, 217, 161



161, 189, 204



164, 187, 227

Rectangle

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



224, 183, 204



230, 186, 175



161, 189, 204



148, 178, 213

Sweetspot

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



224, 183, 204



255, 242, 249



203, 183, 224



128, 120, 124



0, 0, 0



128, 128, 128

Same Dimension

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



224, 183, 204



255, 199, 228



224, 183, 184



112, 101, 107



176, 0, 90



48, 0, 25

Inverse Universe

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



224, 183, 204



255, 199, 228



183, 204, 224



112, 101, 107



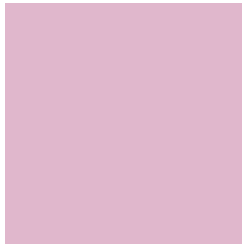
176, 0, 90



48, 0, 25

Previews

White Background



This preview shows how the RYB color 224, 183, 204 looks on a white background.

Color Contrast Check

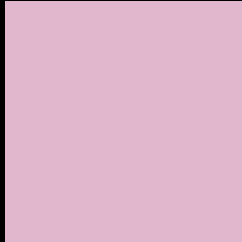
Large Text (above 18pt) WCAG AA × Fail

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, 183, 204 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](#).

RYP 224, 183, 204 Background



This preview shows how black text looks on a background with the RYB color 224, 183, 204.



This preview shows how white text looks on a background with the RYB color 224, 183, 204.

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
224, 183, 204

Protanopia
193, 193, 210

Deuteranopia
209, 189, 203



Tritanopia
223, 184, 198

Trichromacy



Original Color

224, 183, 204

Protanomaly

204, 189, 208

Deuteranomaly

214, 187, 203

Tritanomaly

223, 184, 200

Monochromacy



Original Color

224, 183, 204

Achromatopsia

198, 198, 198

Achromatomaly

207, 193, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 183, 204 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, 183, 204) looks like.

```
.text, #text, p{  
    color:rgb(224, 183, 204)  
}
```

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, 183, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 183, 204) }
```

Border

The CSS property to change the border of an element to RYB 224, 183, 204 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, 183, 204) }
```

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

```
.border{ border-color:rgb(224, 183, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 183, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 183, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 183, 204);  
box-shadow:4px 4px 4px 4px rgb(224, 183,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 224, 183, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 183, 204) }
```

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

```
.background{ background-color: rgb(224,  
183, 204) }
```

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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