

Converting Colors

`RYB(224, 195, 221)`

Have a look what the booklet for
RYB(224, 195, 221) contains.

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Color

R_YB(224, 195, 221)

Conversions

Conversions Part 1

Format	Color
Hex	E0C3DD
RGB	224, 195, 221
RGB Percent	88%, 76%, 87%
CMY	0.1216, 0.2353, 0.1333
CMYK	0.00, 0.13, 0.01, 0.12
HSL	306°, 32%, 82%
HSV	306°, 13%, 88%
XYZ	63.3067, 60.0980, 76.6701
YIQ	206.6350, 8.9380, 14.2340

Conversions

Conversions Part 2

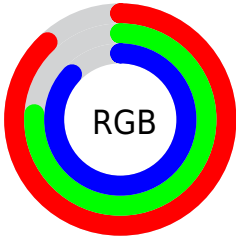
Format	Color
RYB	224, 195, 221
Decimal	14730205
CIELab	81.89, 14.71, -9.15
CIElCh	82, 17.326, 328.112
Yxy	60.0980, 0.3164, 0.3004
Android (android.graphics.Color)	4292920285 (0xFFE0C3DD)
YUV	206.6350, 7.0819, 15.2291
Hunter-Lab	77.5229, 10.1016, -4.3717

Details

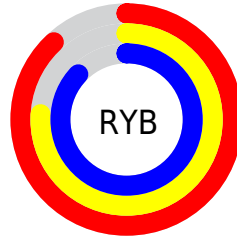
The RYB color **224, 195, 221** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **195, 221, 224**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is 255, 252, 255, and **169, 141, 166** is the 20% darker color. If you saturate the color by 10%, you get **224, 173, 219**, and if you desaturate by 10%, it is **224, 217, 223**.

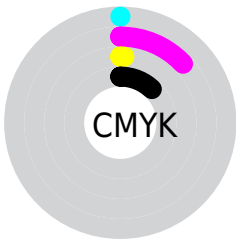
Distribution



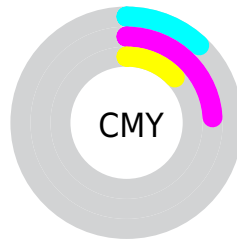
- Red (88%)
- Green (76%)
- Blue (87%)



- Red (88%)
- Yellow (76%)
- Blue (87%)



- Cyan (0%)
- Magenta (13%)
- Yellow (1%)
- Black (12%)



- Cyan (12%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RYB color 224, 195, 221 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, 195, 221 by changing the saturation by 10% instead.

 224, 195, 221


255, 255, 255

 255, 252, 255

 224, 195, 221

 196, 168, 193

 169, 141, 166

 142, 116, 140

 116, 91, 114


 92, 67, 90


 68, 45, 66


 45, 24, 44

 26, 0, 24


 0, 0, 0

 224, 195, 221


 224, 195, 221

 224, 173, 219

 224, 217, 223

 224, 150, 216

 224, 238, 240

 224, 128, 214

 224, 251, 255

 224, 105, 212

 224, 250, 255

 224, 83, 209


 224, 248, 255

 224, 61, 207

 224, 247, 255

 224, 38, 205

 224, 246, 255

 224, 16, 202

 224, 244, 255

 224, 0, 201

 224, 244, 255

Harmonies

Analogous

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



205, 200, 232



224, 195, 221



236, 193, 205

Triad

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



224, 195, 221



195, 218, 171



161, 188, 218

Complementary

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



224, 195, 221



195, 221, 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.



167, 193, 213



224, 195, 221



175, 207, 182

Square

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



224, 195, 221



231, 209, 177



181, 207, 211



168, 193, 231

Rectangle

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



224, 195, 221



238, 193, 194



181, 207, 211



162, 188, 213

Sweetspot

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



224, 195, 221



255, 245, 254



198, 195, 224



128, 121, 127



0, 0, 0



128, 128, 128

Same Dimension

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



224, 195, 221



255, 214, 251



224, 195, 207



112, 101, 111



176, 0, 158



48, 0, 43

Inverse Universe

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



224, 195, 221



255, 214, 251



195, 213, 224



112, 101, 111



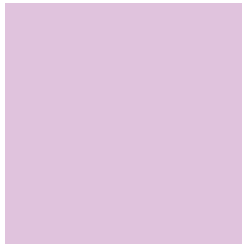
176, 0, 158



48, 0, 43

Previews

White Background



This preview shows how the RYB color 224, 195, 221 looks on a white background.

Color Contrast Check

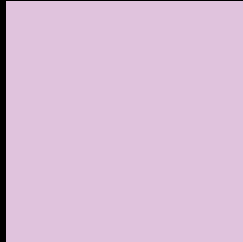
Large Text (above 18pt) WCAG AA × Fail

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, 195, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

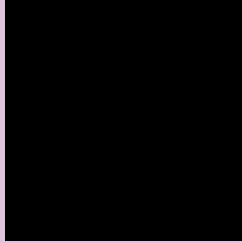
Any Text WCAG AA ✓ Pass

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, 195, 221 Background



This preview shows how black text looks on a background with the RYB color 224, 195, 221.



This preview shows how white text looks on a background with the RYB color 224, 195, 221.

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, 195, 221

Protanopia
201, 202, 226

Deuteranopia
216, 198, 220



Tritanopia
223, 197, 212

Trichromacy



Original Color

224, 195, 221

Protanomaly

209, 199, 224

Deuteranomaly

219, 197, 220

Tritanomaly

223, 196, 215

Monochromacy



Original Color

224, 195, 221

Achromatopsia

207, 207, 207

Achromatomaly

213, 203, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 195, 221 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, 195, 221)` looks like.

```
.text, #text, p{  
    color:rgb(224, 195, 221)  
}
```

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, 195, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 195, 221) }
```

Border

The CSS property to change the border of an element to RYB 224, 195, 221 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, 195, 221) }
```

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

```
.border{ border-color:rgb(224, 195, 221) }
```

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

Here you see how a box with a 4 pixel rgb(224, 195, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 195, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 195, 221);  
box-shadow:4px 4px 4px 4px rgb(224, 195,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 224, 195, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 195, 221) }
```

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

```
.background{ background-color: rgb(224,  
195, 221) }
```

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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