

Converting Colors

`RYB(214, 198, 224)`

Have a look what the booklet for RYB(214, 198, 224) contains.

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Color

R_YB(214, 198, 224)

Conversions

Conversions Part 1

Format	Color
Hex	D6C6E0
RGB	214, 198, 224
RGB Percent	84%, 78%, 88%
CMY	0.1608, 0.2235, 0.1216
CMYK	0.04, 0.12, 0.00, 0.12
HSL	277°, 30%, 83%
HSV	277°, 12%, 88%
XYZ	61.3802, 60.0661, 78.8798
YIQ	205.7480, 1.1900, 11.4780

Conversions

Conversions Part 2

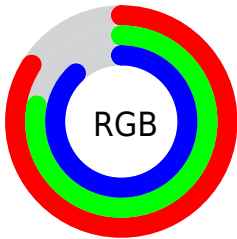
Format	Color
R _Y B	214, 198, 224
Decimal	14075616
CIE Lab	81.87, 10.31, -10.88
CIE LCh	82, 14.987, 313.472
Yxy	60.0661, 0.3064, 0.2998
Android (android.graphics.Color)	4292265696 (0xFFD6C6E0)
YUV	205.7480, 8.9982, 7.2370
Hunter-Lab	77.5023, 5.7391, -6.0922

Details

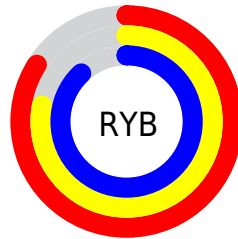
The RYB color **214, 198, 224** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **198, 224, 214**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is 255, 255, 255, and **159, 144, 169** is the 20% darker color. If you saturate the color by 10%, you get **205, 176, 224**, and if you desaturate by 10%, it is **223, 220, 224**.

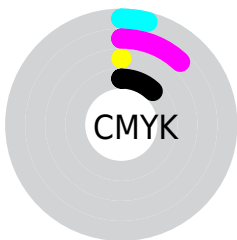
Distribution



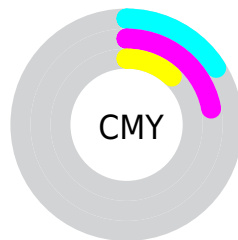
- Red (84%)
- Green (78%)
- Blue (88%)



- Red (84%)
- Yellow (78%)
- Blue (88%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (16%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 198, 224 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 214, 198, 224 by changing the saturation by 10% instead.

■ 214, 198, 224

255, 255, 255

■ 214, 198, 224

■ 186, 171, 196

■ 159, 144, 169

■ 133, 119, 142

■ 108, 94, 117


■ 83, 70, 92

■ 60, 48, 69


■ 38, 27, 46

■ 19, 0, 26

■ 0, 0, 0

 214, 198, 224

 214, 198, 224

 205, 176, 224


 223, 220, 224

 197, 153, 224


 224, 243, 236

 188, 131, 224


 224, 255, 239

 180, 108, 224


 224, 255, 231

 171, 86, 224

 224, 255, 224

 162, 64, 224

 154, 41, 224

 145, 19, 224

 138, 0, 224

Harmonies

Analogous

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



196, 202, 231



214, 198, 224



227, 195, 212

Triad

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



214, 198, 224



220, 222, 177



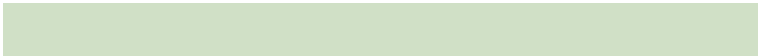
169, 191, 212

Complementary

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



214, 198, 224



198, 224, 214

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.



177, 199, 211



214, 198, 224



179, 208, 176

Square

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



214, 198, 224



232, 199, 185



183, 209, 200



169, 192, 222

Rectangle

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



214, 198, 224



232, 194, 202



183, 209, 200



171, 193, 212

Sweetspot

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



214, 198, 224



252, 247, 255



198, 205, 224



126, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



214, 198, 224



241, 219, 255



224, 198, 221



108, 101, 112



108, 0, 176



30, 0, 48

Inverse Universe

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



224, 198, 208



255, 219, 233



198, 221, 224



112, 101, 105



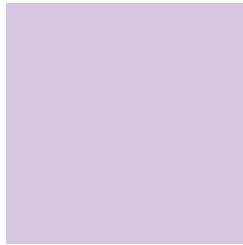
176, 0, 68



48, 0, 19

Previews

White Background



This preview shows how the RYB color 214, 198, 224 looks on a white background.

Color Contrast Check

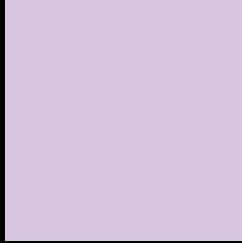
Large Text (above 18pt) WCAG AA × Fail

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 214, 198, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

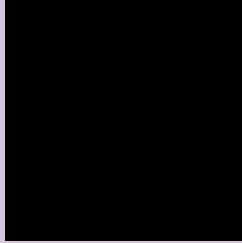
Any Text WCAG AA ✓ Pass

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 214, 198, 224 Background



This preview shows how black text looks on a background with the RYB color 214, 198, 224.




This preview shows how white text looks on a background with the RYB color 214, 198, 224.

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
213, 199, 215

Trichromacy



Original Color

214, 198, 224

Protanomaly

205, 201, 226

Deuteranomaly

214, 198, 224

Tritanomaly

213, 199, 218

Monochromacy



Original Color

214, 198, 224

Achromatopsia

206, 206, 206

Achromatomaly

209, 203, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 198, 224 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(214, 198, 224) looks like.

```
.text, #text, p{  
    color:rgb(214, 198, 224)  
}
```

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(214, 198, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 198, 224) }
```

Border

The CSS property to change the border of an element to RYB 214, 198, 224 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(214, 198, 224) }
```

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

```
.border{ border-color:rgb(214, 198, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 198, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 198, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 198, 224); box-shadow:4px 4px 4px 4px rgb(214, 198, 224) }
```

Background

The CSS property to change the background color of an element to RYB 214, 198, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 198, 224) }
```

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

```
.background{ background-color: rgb(214,  
198, 224) }
```

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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