

Converting Colors

`RYB(214, 157, 224)`

Have a look what the booklet for RYB(214, 157, 224) contains.

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Color

R_YB(214, 157, 224)

Conversions

Conversions Part 1

Format	Color
Hex	D69DE0
RGB	214, 157, 224
RGB Percent	84%, 62%, 88%
CMY	0.1608, 0.3843, 0.1216
CMYK	0.04, 0.30, 0.00, 0.12
HSL	291°, 52%, 75%
HSV	291°, 30%, 88%
XYZ	53.2431, 43.7919, 76.1675
YIQ	181.6810, 12.4650, 32.9210

Conversions

Conversions Part 2

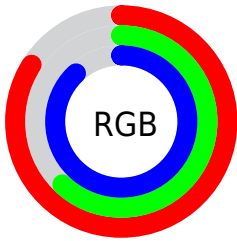
Format	Color
RYB	214, 157, 224
Decimal	14065120
CIELab	72.09, 32.48, -25.66
CIELCh	72, 41.393, 321.684
Yxy	43.7919, 0.3074, 0.2528
Android (android.graphics.Color)	4292255200 (0xFFD69DE0)
YUV	181.6810, 20.8633, 28.3438
Hunter-Lab	66.1754, 27.8095, -21.9196

Details

The RYB color **214, 157, 224** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **157, 224, 214**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 212, 255**, and **158, 105, 169** is the 20% darker color. If you saturate the color by 10%, you get **211, 135, 224**, and if you desaturate by 10%, it is **217, 179, 224**.

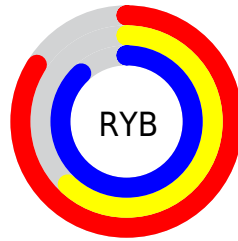
Distribution



Red (84%)

Green (62%)

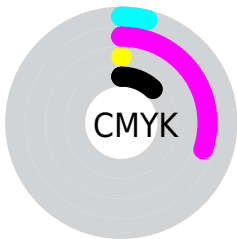
Blue (88%)



Red (84%)

Yellow (62%)

Blue (88%)

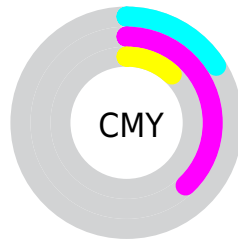


Cyan (4%)

Magenta (30%)

Yellow (0%)

Black (12%)



Cyan (16%)


Magenta (38%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 157, 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, 157, 224 by changing the saturation by 10% instead.

 214, 157, 224

255, 255, 255

 255, 212, 255


 255, 241, 255


 214, 157, 224

 186, 131, 196

 158, 105, 169

 132, 80, 142

 106, 56, 116

 81, 32, 91

 56, 7, 68

 35, 0, 45

 0, 1, 24

 0, 0, 0

■ 214, 157, 224

■ 214, 157, 224

■ 211, 135, 224

■ 217, 179, 224

■ 207, 112, 224

■ 221, 202, 224

■ 204, 90, 224

■ 224, 224, 224

■ 201, 67, 224

■ 224, 247, 244

■ 197, 45, 224

■ 224, 255, 248

■ 194, 23, 224

■ 224, 255, 245

■ 191, 0, 224

■ 224, 255, 242

■ 224, 255, 238

■ 224, 255, 235

Harmonies

Analogous

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



165, 171, 247



214, 157, 224



243, 148, 189

Triad

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



214, 157, 224



162, 210, 101



0, 100, 203

Complementary

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



214, 157, 224



157, 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.



77, 145, 196



214, 157, 224



105, 183, 115

Square

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



214, 157, 224



238, 177, 119



128, 192, 190



0, 106, 235

Rectangle

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



214, 157, 224



250, 147, 163



128, 192, 190



23, 112, 197

Sweetspot

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



214, 157, 224



252, 232, 255



157, 166, 224



125, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



214, 157, 224



241, 163, 255



224, 157, 201



111, 101, 112



150, 0, 176



41, 0, 48

Inverse Universe

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



224, 157, 167



255, 163, 177



157, 207, 224



112, 101, 103



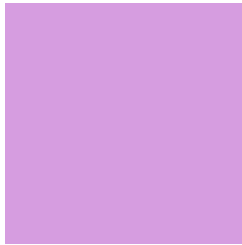
176, 0, 26



48, 0, 7

Previews

White Background



This preview shows how the RYB color 214, 157, 224 looks on a white background.

Color Contrast Check

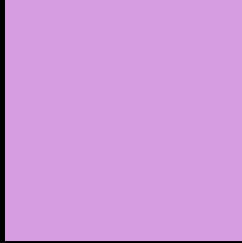
Large Text (above 18pt) WCAG AA × Fail

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, 157, 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, 157, 224 Background



This preview shows how black text looks on a background with the RYB color 214, 157, 224.

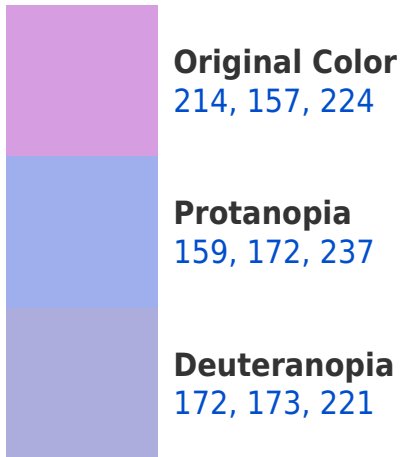



This preview shows how white text looks on a background with the RYB color 214, 157, 224.

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
208, 166, 179

Trichromacy



Original Color

214, 157, 224



Protanomaly

179, 168, 232



Deuteranomaly

187, 167, 222



Tritanomaly

210, 163, 195

Monochromacy



Original Color

214, 157, 224



Achromatopsia

182, 182, 182



Achromatomaly

194, 173, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 157, 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, 157, 224) looks like.

```
.text, #text, p{  
    color:rgb(214, 157, 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, 157, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 157, 224) }
```

Border

The CSS property to change the border of an element to RYB 214, 157, 224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

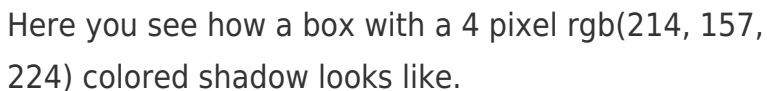
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 157, 224) }
```

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

```
.border{ border-color:rgb(214, 157, 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, 157, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 157, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 157, 224);  
box-shadow:4px 4px 4px 4px rgb(214, 157,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 214, 157, 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, 157, 224) }
```

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

```
.background{ background-color: rgb(214,  
157, 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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