

Converting Colors

`RYB(197, 127, 224)`

Have a look what the booklet for
RYB(197, 127, 224) contains.

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Color

`RYB(197, 127, 224)`

Conversions

Conversions Part 1

Format	Color
Hex	C57FE0
RGB	197, 127, 224
RGB Percent	77%, 50%, 88%
CMY	0.2275, 0.5020, 0.1216
CMYK	0.12, 0.43, 0.00, 0.12
HSL	283°, 61%, 69%
HSV	283°, 43%, 88%
XYZ	44.0699, 32.4309, 74.4581
YIQ	158.9880, 10.5830, 45.0070

Conversions

Conversions Part 2

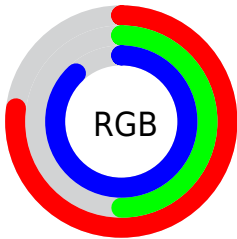
Format	Color
RYB	197, 127, 224
Decimal	12943328
CIELab	63.70, 43.47, -38.79
CIELCh	64, 58.264, 318.254
Yxy	32.4309, 0.2919, 0.2148
Android (android.graphics.Color)	4291133408 (0xFFC57FE0)
YUV	158.9880, 32.0509, 33.3365
Hunter-Lab	56.9481, 38.4748, -37.6563

Details

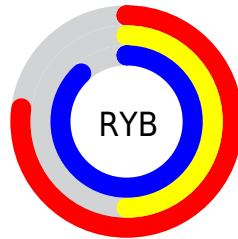
The RYB color **197, 127, 224** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **127, 224, 197**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 181, 255**, and **141, 75, 168** is the 20% darker color. If you saturate the color by 10%, you get **191, 105, 224**, and if you desaturate by 10%, it is **203, 149, 224**.

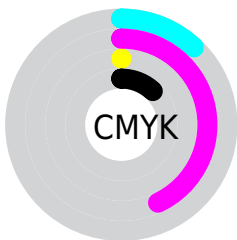
Distribution



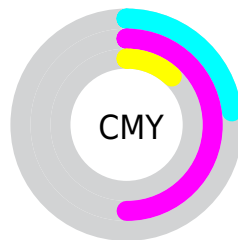
- Red (77%)
- Green (50%)
- Blue (88%)



- Red (77%)
- Yellow (50%)
- Blue (88%)



- Cyan (12%)
- Magenta (43%)
- Yellow (0%)
- Black (12%)




- Cyan (23%)
- Magenta (50%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 127, 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 197, 127, 224 by changing the saturation by 10% instead.


 197, 127, 224

 197, 127, 224

255, 255, 255

 169, 101, 196

 255, 181, 255

 141, 75, 168

 255, 209, 255

 114, 50, 142

 255, 238, 255

 88, 24, 116


 63, 0, 91

 38, 0, 67


 4, 0, 44


 0, 1, 22

 0, 0, 0

 197, 127, 224

 197, 127, 224

 191, 105, 224

 203, 149, 224

 185, 82, 224


 209, 172, 224

 178, 60, 224

 216, 194, 224

 172, 37, 224

 222, 217, 224

 166, 15, 224

 224, 239, 235

 162, 0, 224

 224, 255, 245

 224, 255, 238

 224, 255, 232

 224, 255, 226

Harmonies

Analogous

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



118, 143, 253



197, 127, 224



239, 109, 177

Triad

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



197, 127, 224



132, 199, 46



0, 91, 185

Complementary

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



197, 127, 224



127, 224, 197

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.



0, 103, 178



197, 127, 224



47, 161, 56

Square

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



197, 127, 224



234, 143, 78



81, 172, 163



0, 100, 231

Rectangle

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



197, 127, 224



249, 106, 142



81, 172, 163



0, 93, 180

Sweetspot

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



197, 127, 224



246, 222, 255



127, 148, 224



122, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



197, 127, 224



218, 122, 255



224, 127, 203



109, 101, 112



127, 0, 176



35, 0, 48

Inverse Universe

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



224, 127, 154



255, 122, 159



127, 207, 224



112, 101, 104



176, 0, 49



48, 0, 13

Previews

White Background



This preview shows how the RYB color 197, 127, 224 looks on a white background.

Color Contrast Check

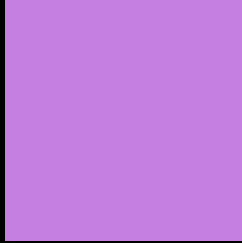
Large Text (above 18pt) WCAG AA × Fail

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 197, 127, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

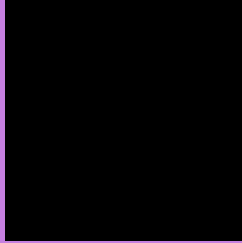
Any Text WCAG AA ✓ Pass

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 197, 127, 224 Background



This preview shows how black text looks on a background with the RYB color 197, 127, 224.

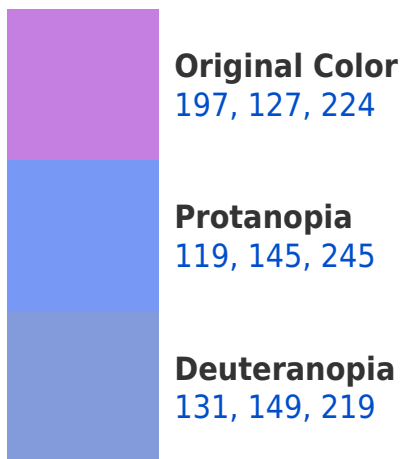



This preview shows how white text looks on a background with the RYB color 197, 127, 224.

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
187, 143, 154

Trichromacy



Original Color
197, 127, 224



Protanomaly
147, 143, 237



Deuteranomaly
155, 144, 221



Tritanomaly
191, 137, 179

Monochromacy



Original Color
197, 127, 224



Achromatopsia
159, 159, 159



Achromatomaly
173, 147, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 127, 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(197, 127, 224) looks like.

```
.text, #text, p{  
    color:rgb(197, 127, 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(197, 127, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 127, 224) }
```

Border

The CSS property to change the border of an element to RYB 197, 127, 224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

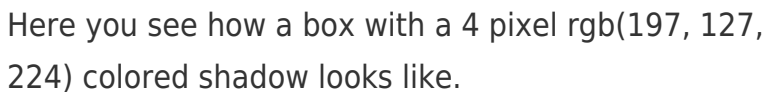
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 127, 224) }
```

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

```
.border{ border-color:rgb(197, 127, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 127, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 127, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 127, 224); box-shadow:4px 4px 4px 4px rgb(197, 127, 224) }
```

Background

The CSS property to change the background color of an element to RYB 197, 127, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 127, 224) }
```

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

```
.background{ background-color: rgb(197,  
127, 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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