

Converting Colors

`RYB(197, 124, 172)`

Have a look what the booklet for
RYB(197, 124, 172) contains.

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Color

`RYB(197, 124, 172)`

Conversions

Conversions Part 1	
Format	Color
Hex	C57CAC
RGB	197, 124, 172
RGB Percent	77%, 49%, 67%
CMY	0.2275, 0.5137, 0.3255
CMYK	0.00, 0.37, 0.13, 0.23
HSL	321°, 39%, 63%
HSV	321°, 37%, 77%
XYZ	37.6800, 29.2642, 42.6923
YIQ	151.2990, 28.1000, 30.4040

Conversions

Conversions Part 2

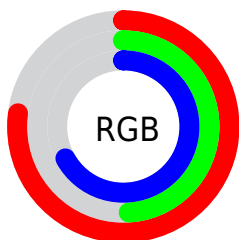
Format	Color
RYB	197, 124, 172
Decimal	12942508
CIELab	61.01, 35.35, -13.60
CIELCh	61, 37.875, 338.955
Yxy	29.2642, 0.3437, 0.2669
Android (android.graphics.Color)	4291132588 (0xFFC57CAC)
YUV	151.2990, 10.2056, 40.0798
Hunter-Lab	54.0964, 29.6628, -8.9236

Details

The RYB color **197, 124, 172** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **124, 178, 197**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **255, 178, 227**, and **142, 73, 120** is the 20% darker color. If you saturate the color by 10%, you get **197, 104, 165**, and if you desaturate by 10%, it is **197, 144, 179**.

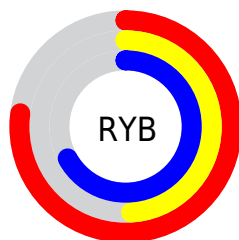
Distribution



Red (77%)

Green (49%)

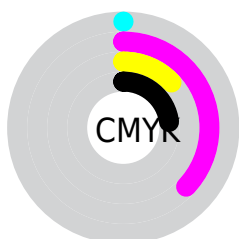
Blue (67%)



Red (77%)

Yellow (49%)

Blue (67%)

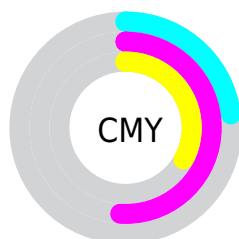


Cyan (0%)

Magenta (37%)

Yellow (13%)

Black (23%)



Cyan (23%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 124, 172 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, 124, 172 by changing the saturation by 10% instead.

 197, 124, 172

255, 255, 255

 255, 178, 227

 255, 206, 255

 255, 234, 255

 197, 124, 172

 169, 98, 145

 142, 73, 120

 115, 49, 95

 89, 24, 71

 64, 0, 49

 43, 0, 28

 0, 0, 0

 197, 124, 172

 197, 104, 165

 197, 124, 172

 197, 144, 179

 197, 85, 159

 197, 163, 185

 197, 65, 152

 197, 183, 192

 197, 45, 145

 197, 202, 203

 197, 26, 138

 197, 216, 223

 197, 6, 132

 197, 231, 242

 197, 0, 130

 197, 239, 255

 197, 236, 255

 197, 233, 255

Harmonies

Analogous

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



164, 135, 199



197, 124, 172



211, 120, 138

Triad

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



197, 124, 172



91, 159, 80



0, 87, 188

Complementary

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



197, 124, 172



124, 178, 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, 85, 165



197, 124, 172



94, 158, 130

Square

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



197, 124, 172



186, 188, 85



79, 135, 163



42, 110, 209

Rectangle

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



197, 124, 172



210, 123, 117



79, 135, 163



0, 86, 179

Sweetspot

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



197, 124, 172



255, 227, 245



148, 124, 197



128, 111, 122



0, 0, 0



128, 128, 128

Same Dimension

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



197, 124, 172



255, 143, 217



197, 124, 136



99, 90, 96



163, 0, 107



36, 0, 23

Inverse Universe

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



197, 124, 172



255, 143, 217



124, 164, 197



99, 90, 96



163, 0, 107



36, 0, 23

Previews

White Background



This preview shows how the RYB color 197, 124, 172 looks on a white background.

Color Contrast Check

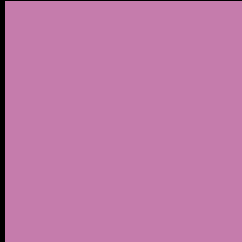
Large Text (above 18pt) WCAG AA ✓ Pass

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, 124, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

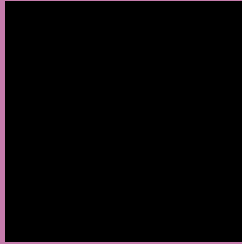
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 197, 124, 172 Background



This preview shows how black text looks on a background with the RYB color 197, 124, 172.



This preview shows how white text looks on a background with the RYB color 197, 124, 172.

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


197, 124, 172

Protanopia

137, 145, 187

Deuteranopia

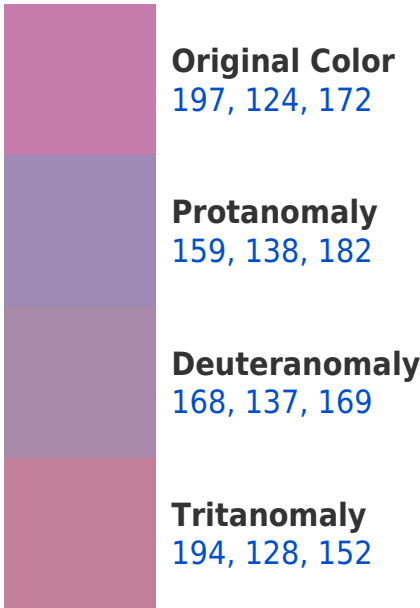
152, 144, 168



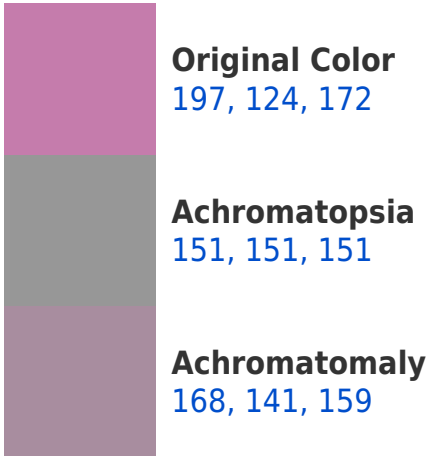
Tritanopia

193, 130, 140

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 124, 172 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, 124, 172) looks like.

```
.text, #text, p{  
    color:rgb(197, 124, 172)  
}
```

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, 124, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 124, 172) }
```

Border

The CSS property to change the border of an element to RYB 197, 124, 172 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, 124, 172) }
```

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

```
.border{ border-color:rgb(197, 124, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 124, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 124, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 124, 172);  
box-shadow:4px 4px 4px 4px rgb(197, 124,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 197, 124, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 124, 172) }
```

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

```
.background{ background-color: rgb(197,  
124, 172) }
```

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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