

Converting Colors

`RYB(198, 177, 227)`

Have a look what the booklet for
RYB(198, 177, 227) contains.

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Color

R_YB(198, 177, 227)

Conversions

Conversions Part 1

Format	Color
Hex	C6B1E3
RGB	198, 177, 227
RGB Percent	78%, 69%, 89%
CMY	0.2235, 0.3059, 0.1098
CMYK	0.13, 0.22, 0.00, 0.11
HSL	265°, 47%, 79%
HSV	265°, 22%, 89%
XYZ	52.8760, 48.9961, 79.3434
YIQ	188.9790, -3.5340, 20.0020

Conversions

Conversions Part 2

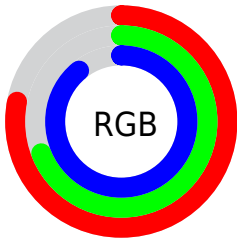
Format	Color
RYB	198, 177, 227
Decimal	13021667
CIELab	75.45, 17.05, -22.31
CIElCh	75, 28.073, 307.388
Yxy	48.9961, 0.2918, 0.2704
Android (android.graphics.Color)	4291211747 (0xFFC6B1E3)
YUV	188.9790, 18.7444, 7.9114
Hunter-Lab	69.9972, 12.3440, -18.2085

Details

The RYB color **198, 177, 227** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **177, 227, 198**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 233, 255**, and **144, 124, 172** is the 20% darker color. If you saturate the color by 10%, you get **185, 154, 227**, and if you desaturate by 10%, it is **211, 200, 227**.

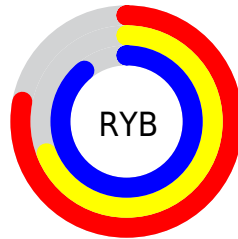
Distribution



Red (78%)

Green (69%)

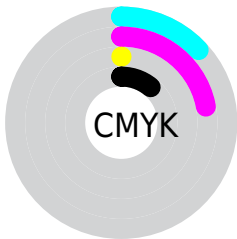
Blue (89%)



Red (78%)

Yellow (69%)

Blue (89%)

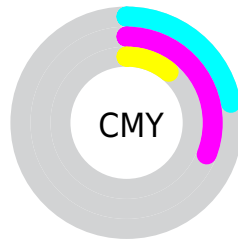


Cyan (13%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (22%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 177, 227 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 198, 177, 227 by changing the saturation by 10% instead.

■ 198, 177, 227

255, 255, 255

■ 255, 233, 255

■ 198, 177, 227

■ 171, 150, 199

■ 144, 124, 172

■ 118, 99, 145

■ 93, 75, 119

■ 68, 53, 94

■ 45, 31, 70

■ 24, 9, 48

■ 0, 1, 27

■ 0, 0, 0

■ 198, 177, 227

■ 198, 177, 227

■ 185, 154, 227

■ 211, 200, 227

■ 172, 132, 227

■ 224, 222, 227

■ 159, 109, 227

■ 227, 245, 235

■ 145, 86, 227

■ 227, 255, 231

■ 132, 64, 227

■ 227, 255, 227

■ 119, 41, 227

■ 106, 18, 227

■ 95, 0, 227

Harmonies

Analogous

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



163, 181, 237



198, 177, 227



224, 170, 206

Triad

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



198, 177, 227



222, 213, 139



116, 160, 200

Complementary

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



198, 177, 227



177, 227, 198

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.



140, 181, 199



198, 177, 227



149, 198, 134

Square

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



198, 177, 227



236, 173, 156



144, 194, 168



109, 158, 216

Rectangle

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



198, 177, 227



235, 167, 189



144, 194, 168



123, 166, 200

Sweetspot

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



198, 177, 227



245, 237, 255



177, 195, 227



122, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



198, 177, 227



217, 189, 255



223, 177, 227



108, 103, 115



75, 0, 179



21, 0, 51

Inverse Universe

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



227, 177, 206



255, 189, 227



177, 227, 223



115, 103, 110



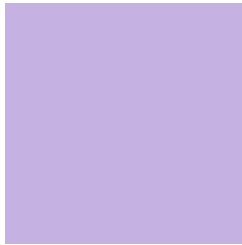
179, 0, 104



51, 0, 30

Previews

White Background



This preview shows how the RYB color 198, 177, 227 looks on a white background.

Color Contrast Check

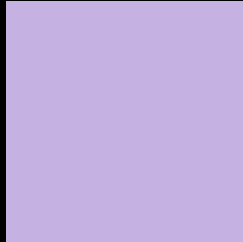
Large Text (above 18pt) WCAG AA × Fail

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 198, 177, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

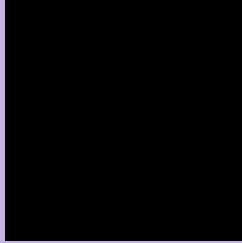
Any Text WCAG AA ✓ Pass

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 198, 177, 227 Background



This preview shows how black text looks on a background with the RYB color 198, 177, 227.



This preview shows how white text looks on a background with the RYB color 198, 177, 227.

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
198, 177, 227

Protanopia
174, 183, 232

Deuteranopia
184, 182, 226



Tritanopia
193, 182, 197

Trichromacy



Original Color
198, 177, 227

Protanomaly
183, 181, 230

Deuteranomaly
189, 180, 226

Tritanomaly
195, 180, 208

Monochromacy



Original Color
198, 177, 227

Achromatopsia
189, 189, 189

Achromatomaly
192, 185, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 177, 227 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(198, 177, 227)` looks like.

```
.text, #text, p{  
    color:rgb(198, 177, 227)  
}
```

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(198, 177, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 177, 227) }
```

Border

The CSS property to change the border of an element to RYB 198, 177, 227 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(198, 177, 227) }
```

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

```
.border{ border-color:rgb(198, 177, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 177, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 177, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 177, 227);  
box-shadow:4px 4px 4px 4px rgb(198, 177,  
227) }
```

Background

The CSS property to change the background color of an element to RYB 198, 177, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 177, 227) }
```

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

```
.background{ background-color: rgb(198,  
177, 227) }
```

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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