

Converting Colors

`RYB(197, 196, 225)`

Have a look what the booklet for
RYB(197, 196, 225) contains.

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Color

R_YB(197, 196, 225)

Conversions

Conversions Part 1

Format	Color
Hex	C5C4E1
RGB	197, 196, 225
RGB Percent	77%, 77%, 88%
CMY	0.2275, 0.2314, 0.1176
CMYK	0.12, 0.13, 0.00, 0.12
HSL	242°, 33%, 83%
HSV	242°, 13%, 88%
XYZ	56.3565, 56.7864, 79.2247
YIQ	199.6050, -8.7130, 9.2310

Conversions

Conversions Part 2

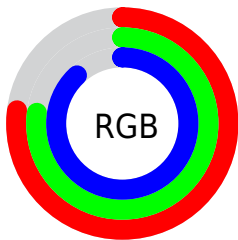
Format	Color
R_{YB}	197, 196, 225
Decimal	12960993
CIE _{Lab}	80.06, 6.01, -14.27
CIE _{LCh}	80, 15.479, 292.828
Yxy	56.7864, 0.2930, 0.2952
Android (android.graphics.Color)	4291151073 (0xFFC5C4E1)
YUV	199.6050, 12.5197, -2.2846
Hunter-Lab	75.3568, 1.6191, -9.5835

Details

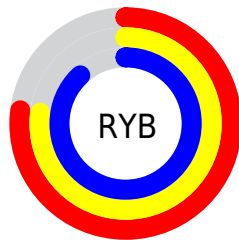
The RYB color **197, 196, 225** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **196, 225, 197**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is 254, 253, 255, and **143, 142, 170** is the 20% darker color. If you saturate the color by 10%, you get **175, 174, 225**, and if you desaturate by 10%, it is **219, 219, 225**.

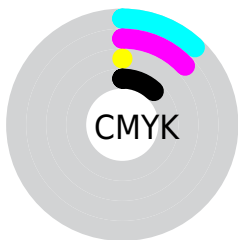
Distribution



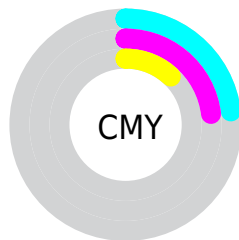
- Red (77%)
- Green (77%)
- Blue (88%)



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



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 196, 225 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, 196, 225 by changing the saturation by 10% instead.

■ 197, 196, 225

255, 255, 255

■ 254, 253, 255

■ 197, 196, 225

■ 170, 169, 197

■ 143, 142, 170

■ 117, 117, 143

■ 92, 92, 118

■ 69, 69, 93

■ 46, 47, 69

■ 24, 26, 47

■ 0, 0, 27

■ 0, 0, 0

■ 197, 196, 225

■ 197, 196, 225

■ 175, 174, 225

■ 219, 219, 225

■ 154, 151, 225

■ 225, 241, 226

■ 132, 129, 225

■ 225, 255, 225

■ 110, 106, 225

■ 88, 84, 225

■ 67, 61, 225

■ 45, 39, 225

■ 23, 16, 225

■ 8, 0, 225

Harmonies

Analogous

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



179, 194, 227



197, 196, 225



214, 192, 216

Triad

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



197, 196, 225



225, 200, 176



168, 191, 207

Complementary

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



197, 196, 225



196, 225, 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.



181, 205, 204



197, 196, 225



200, 214, 170

Square

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



197, 196, 225



229, 189, 188



172, 201, 175



161, 184, 209

Rectangle

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



197, 196, 225



223, 190, 207



172, 201, 175



172, 194, 206

Sweetspot

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



197, 196, 225



245, 245, 255



196, 210, 225



121, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



197, 196, 225



218, 217, 255



211, 196, 225



101, 101, 112



6, 0, 176



2, 0, 48

Inverse Universe

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



225, 196, 224



255, 217, 254



196, 225, 211



112, 101, 112



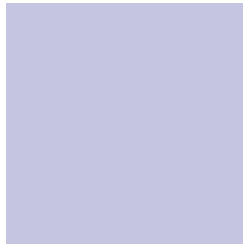
176, 0, 170



48, 0, 47

Previews

White Background



This preview shows how the RYB color 197, 196, 225 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, 196, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

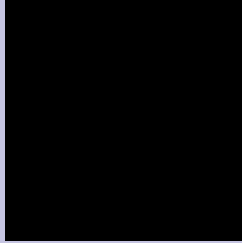
Any Text WCAG AA ✓ Pass

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, 196, 225 Background



This preview shows how black text looks on a background with the RYB color 197, 196, 225.



This preview shows how white text looks on a background with the RYB color 197, 196, 225.

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

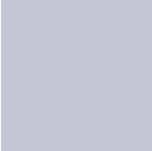
197, 196, 225

Protanopia

194, 197, 226

Deuteranopia

205, 193, 226



Tritanopia

195, 198, 214

Trichromacy



Original Color

197, 196, 225

Protanomaly

195, 197, 226

Deuteranomaly

202, 194, 226

Tritanomaly

196, 197, 218

Monochromacy



Original Color

197, 196, 225

Achromatopsia

200, 200, 200

Achromatomaly

199, 199, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 196, 225 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, 196, 225)` looks like.

```
.text, #text, p{  
    color:rgb(197, 196, 225)  
}
```

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, 196, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 196, 225) }
```

Border

The CSS property to change the border of an element to RYB 197, 196, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

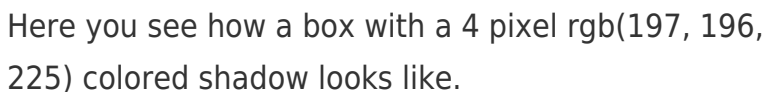
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 196, 225) }
```

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

```
.border{ border-color:rgb(197, 196, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 196, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 196, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 196, 225); box-shadow:4px 4px 4px 4px rgb(197, 196, 225) }
```

Background

The CSS property to change the background color of an element to RYB 197, 196, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 196, 225) }
```

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

```
.background{ background-color: rgb(197,  
196, 225) }
```

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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