

Converting Colors

`RYB(206, 198, 229)`

Have a look what the booklet for RYB(206, 198, 229) contains.

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Color

R_YB(206, 198, 229)

Conversions

Conversions Part 1

Format	Color
Hex	CEC6E5
RGB	206, 198, 229
RGB Percent	81%, 78%, 90%
CMY	0.1922, 0.2235, 0.1020
CMYK	0.10, 0.14, 0.00, 0.10
HSL	255°, 37%, 84%
HSV	255°, 14%, 90%
XYZ	59.7905, 59.1671, 82.3978
YIQ	203.9260, -5.1830, 11.3370

Conversions

Conversions Part 2

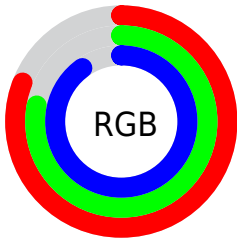
Format	Color
R _Y B	206, 198, 229
Decimal	13551333
CIE Lab	81.38, 8.66, -14.35
CIE LCh	81, 16.765, 301.111
Yxy	59.1671, 0.2969, 0.2938
Android (android.graphics.Color)	4291741413 (0xFFCEC6E5)
YUV	203.9260, 12.3615, 1.8189
Hunter-Lab	76.9202, 4.1389, -9.6681

Details

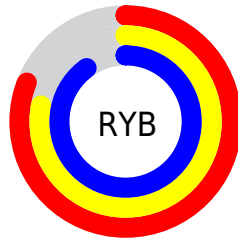
The RYB color **206, 198, 229** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **198, 229, 206**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is 255, 255, 255, and **152, 144, 174** is the 20% darker color. If you saturate the color by 10%, you get **189, 175, 229**, and if you desaturate by 10%, it is **223, 221, 229**.

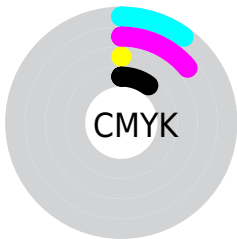
Distribution



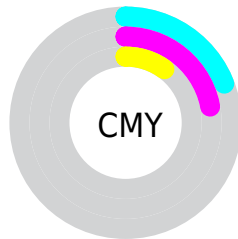
- Red (81%)
- Green (78%)
- Blue (90%)



- Red (81%)
- Yellow (78%)
- Blue (90%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (19%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 198, 229 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 206, 198, 229 by changing the saturation by 10% instead.

■ 206, 198, 229

255, 255, 255

■ 206, 198, 229

■ 178, 171, 201

■ 152, 144, 174

■ 126, 119, 147

■ 100, 94, 121

■ 76, 70, 96

■ 53, 48, 72

■ 31, 27, 50

■ 11, 0, 29

■ 0, 0, 0

206, 198, 229

206, 198, 229

189, 175, 229

223, 221, 229

172, 152, 229

229, 244, 233

155, 129, 229

229, 255, 229

138, 106, 229

121, 84, 229

104, 61, 229

87, 38, 229

70, 15, 229

59, 0, 229

Harmonies

Analogous

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



186, 198, 233



206, 198, 229



223, 194, 218

Triad

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



206, 198, 229



228, 210, 175



166, 191, 211

Complementary

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



206, 198, 229



198, 229, 206

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.



179, 204, 210



206, 198, 229



190, 214, 171

Square

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



206, 198, 229



235, 193, 187



175, 206, 184



161, 188, 218

Rectangle

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



206, 198, 229



231, 192, 208



175, 206, 184



169, 194, 211

Sweetspot

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



206, 198, 229



247, 245, 255



198, 211, 229



123, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



206, 198, 229



225, 214, 255



221, 198, 229



106, 103, 115



46, 0, 179



13, 0, 51

Inverse Universe

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



229, 198, 221



255, 214, 244



198, 229, 221



115, 103, 112



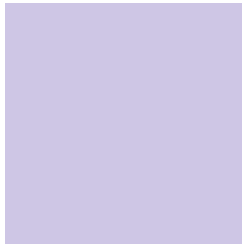
179, 0, 132



51, 0, 38

Previews

White Background



This preview shows how the RYB color 206, 198, 229 looks on a white background.

Color Contrast Check

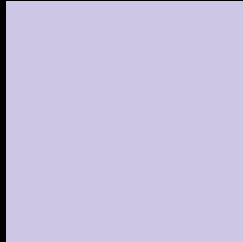
Large Text (above 18pt) WCAG AA × Fail

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 206, 198, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

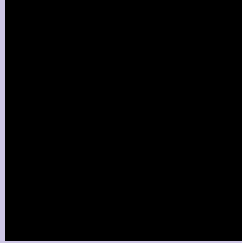
Any Text WCAG AA ✓ Pass

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 206, 198, 229 Background



This preview shows how black text looks on a background with the RYB color 206, 198, 229.



This preview shows how white text looks on a background with the RYB color 206, 198, 229.

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
206, 198, 229

Protanopia
197, 201, 231

Deuteranopia
209, 197, 229



Tritanopia
204, 200, 216

Trichromacy



Original Color

206, 198, 229

Protanomaly

200, 200, 230

Deuteranomaly

208, 197, 229

Tritanomaly

205, 199, 221

Monochromacy



Original Color

206, 198, 229

Achromatopsia

204, 204, 204

Achromatomaly

205, 202, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 198, 229 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(206, 198, 229) looks like.

```
.text, #text, p{  
    color:rgb(206, 198, 229)  
}
```

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(206, 198, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 198, 229) }
```

Border

The CSS property to change the border of an element to RYB 206, 198, 229 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(206, 198, 229) }
```

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

```
.border{ border-color:rgb(206, 198, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 198, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 198, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 198, 229);  
box-shadow:4px 4px 4px 4px rgb(206, 198,  
229) }
```

Background

The CSS property to change the background color of an element to RYB 206, 198, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 198, 229) }
```

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

```
.background{ background-color: rgb(206,  
198, 229) }
```

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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