

Converting Colors

`RYB(201, 195, 227)`

Have a look what the booklet for RYB(201, 195, 227) contains.

RYB(201, 195, 227)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(201, 195, 227)

Conversions

Conversions Part 1

Format	Color
Hex	C9C3E3
RGB	201, 195, 227
RGB Percent	79%, 76%, 89%
CMY	0.2118, 0.2353, 0.1098
CMYK	0.11, 0.14, 0.00, 0.11
HSL	251°, 36%, 83%
HSV	251°, 14%, 89%
XYZ	57.4676, 56.9938, 80.6451
YIQ	200.4420, -6.6960, 11.2240

Conversions

Conversions Part 2

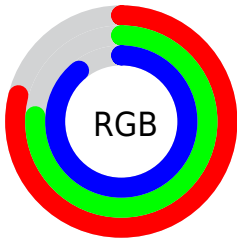
Format	Color
R _Y B	201, 195, 227
Decimal	13222883
CIE Lab	80.18, 8.24, -15.13
CIE LCh	80, 17.234, 298.581
Yxy	56.9938, 0.2945, 0.2921
Android (android.graphics.Color)	4291412963 (0xFFC9C3E3)
YUV	200.4420, 13.0931, 0.4894
Hunter-Lab	75.4942, 3.7627, -10.4893

Details

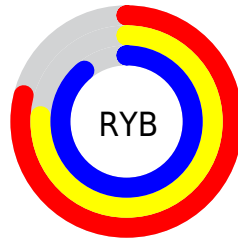
The RYB color **201, 195, 227** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **195, 227, 201**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is 255, 252, 255, and **147, 141, 172** is the 20% darker color. If you saturate the color by 10%, you get **183, 172, 227**, and if you desaturate by 10%, it is **219, 218, 227**.

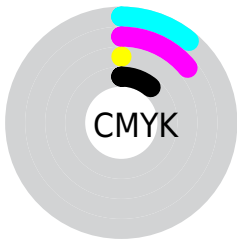
Distribution



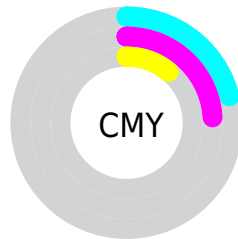
- Red (79%)
- Green (76%)
- Blue (89%)



- Red (79%)
- Yellow (76%)
- Blue (89%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 195, 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 201, 195, 227 by changing the saturation by 10% instead.

■ 201, 195, 227

255, 255, 255

■ 255, 252, 255

■ 201, 195, 227

■ 174, 168, 199

■ 147, 141, 172

■ 121, 116, 145

■ 96, 91, 119


■ 72, 68, 95


■ 49, 46, 71

■ 27, 25, 48

■ 5, 0, 28


■ 0, 0, 0

 201, 195, 227

 201, 195, 227

 183, 172, 227

 219, 218, 227

 164, 150, 227

 227, 240, 229

 146, 127, 227

 227, 255, 227


 127, 104, 227

 109, 82, 227

 90, 59, 227

 72, 36, 227

 53, 13, 227

 43, 0, 227

Harmonies

Analogous

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



180, 194, 231



201, 195, 227



219, 190, 216

Triad

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



201, 195, 227



226, 204, 172



162, 188, 208

Complementary

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



201, 195, 227



195, 227, 201

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.



177, 202, 206



201, 195, 227



192, 213, 167

Square

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



201, 195, 227



233, 190, 184



170, 203, 178



157, 184, 214

Rectangle

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



201, 195, 227



228, 188, 206



170, 203, 178



166, 192, 208

Sweetspot

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



201, 195, 227



247, 245, 255



195, 209, 227



122, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 195, 227



220, 212, 255



217, 195, 227



105, 103, 115



33, 0, 179



10, 0, 51

Inverse Universe

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



227, 195, 221



255, 212, 247



195, 227, 217



115, 103, 113



179, 0, 145



51, 0, 41

Previews

White Background



This preview shows how the RYB color 201, 195, 227 looks on a white background.

Color Contrast Check

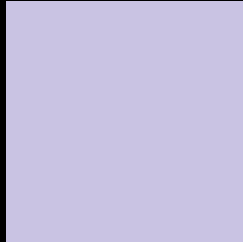
Large Text (above 18pt) WCAG AA × Fail

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 201, 195, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

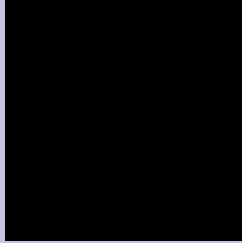
Any Text WCAG AA ✓ Pass

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 201, 195, 227 Background



This preview shows how black text looks on a background with the RYB color 201, 195, 227.



This preview shows how white text looks on a background with the RYB color 201, 195, 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
201, 195, 227

Protanopia
193, 197, 228

Deuteranopia
205, 194, 227



Tritanopia
199, 197, 213

Trichromacy



Original Color
201, 195, 227

Protanomaly
196, 196, 228

Deuteranomaly
204, 194, 227

Tritanomaly
200, 196, 218

Monochromacy



Original Color
201, 195, 227

Achromatopsia
200, 200, 200

Achromatomaly
200, 198, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 195, 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(201, 195, 227)` looks like.

```
.text, #text, p{  
    color:rgb(201, 195, 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(201, 195, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 195, 227) }
```

Border

The CSS property to change the border of an element to RYB 201, 195, 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(201, 195, 227) }
```

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

```
.border{ border-color:rgb(201, 195, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 195, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 195, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 195, 227); box-shadow:4px 4px 4px 4px rgb(201, 195, 227) }
```

Background

The CSS property to change the background color of an element to RYB 201, 195, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 195, 227) }
```

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

```
.background{ background-color: rgb(201,  
195, 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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