

Converting Colors

`RYB(226, 201, 241)`

Have a look what the booklet for
RYB(226, 201, 241) contains.

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Color

R_YB(226, 201, 241)

Conversions

Conversions Part 1

Format	Color
Hex	E2C9F1
RGB	226, 201, 241
RGB Percent	89%, 79%, 95%
CMY	0.1137, 0.2118, 0.0549
CMYK	0.06, 0.17, 0.00, 0.05
HSL	278°, 59%, 87%
HSV	278°, 17%, 95%
XYZ	68.1279, 64.2929, 92.0381
YIQ	213.0350, 2.0600, 17.7400

Conversions

Conversions Part 2

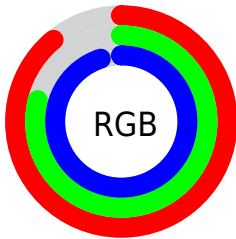
Format	Color
R _Y B	226, 201, 241
Decimal	14862833
CIE Lab	84.12, 15.93, -16.49
CIE LCh	84, 22.924, 314.014
Yxy	64.2929, 0.3035, 0.2864
Android (android.graphics.Color)	4293052913 (0xFFE2C9F1)
YUV	213.0350, 13.7867, 11.3703
Hunter-Lab	80.1829, 11.3436, -11.9282

Details

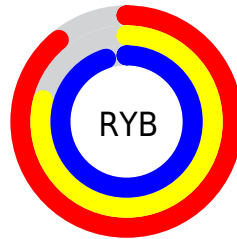
The RYB color **226, 201, 241** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **201, 241, 226**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 147, 185** is the 20% darker color. If you saturate the color by 10%, you get **217, 177, 241**, and if you desaturate by 10%, it is **235, 225, 241**.

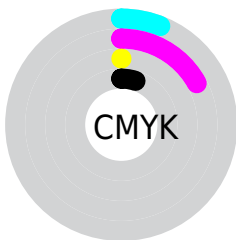
Distribution



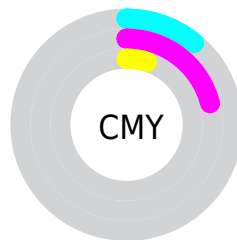
- Red (89%)
- Green (79%)
- Blue (95%)



- Red (89%)
- Yellow (79%)
- Blue (95%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (11%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 201, 241 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 226, 201, 241 by changing the saturation by 10% instead.

■ 226, 201, 241

255, 255, 255

■ 226, 201, 241

■ 198, 174, 213

■ 170, 147, 185

■ 144, 121, 158

■ 118, 96, 132

■ 93, 72, 106

■ 69, 50, 82

■ 46, 28, 59

■ 26, 4, 37

■ 0, 1, 15

 226, 201, 241

 226, 201, 241

 217, 177, 241


 235, 225, 241


 208, 153, 241


 241, 249, 246

 199, 129, 241


 241, 255, 243

 190, 105, 241


 241, 255, 241

 181, 81, 241

 172, 56, 241

 163, 32, 241

 154, 8, 241

 151, 0, 241

Harmonies

Analogous

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



198, 206, 251



226, 201, 241



246, 196, 222

Triad

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



226, 201, 241



233, 237, 169



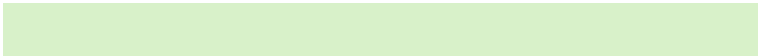
153, 188, 222

Complementary

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



226, 201, 241



201, 241, 226

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.



168, 202, 221



226, 201, 241



172, 216, 168

Square

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



226, 201, 241



251, 203, 181



178, 218, 205



153, 191, 239

Rectangle

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



226, 201, 241



253, 195, 208



178, 218, 205



156, 192, 222

Sweetspot

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



226, 201, 241



250, 242, 255



201, 212, 241



125, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



226, 201, 241



236, 204, 255



241, 201, 236



115, 108, 120



115, 0, 184



35, 0, 56

Inverse Universe

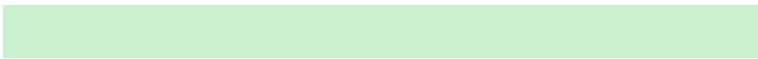
The Inverse Universe completely reimagines the original color for something new.



241, 201, 216



255, 204, 223



201, 237, 241



120, 108, 112



184, 0, 69



56, 0, 21

Previews

White Background



This preview shows how the RYB color 226, 201, 241 looks on a white background.

Color Contrast Check

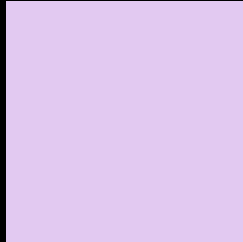
Large Text (above 18pt) WCAG AA × Fail

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 226, 201, 241 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 226, 201, 241 Background



This preview shows how black text looks on a background with the RYB color 226, 201, 241.



This preview shows how white text looks on a background with the RYB color 226, 201, 241.

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
226, 201, 241

Protanopia
203, 207, 246

Deuteranopia
216, 205, 240



Tritanopia
223, 205, 221

Trichromacy



Original Color
226, 201, 241

Protanomaly
211, 205, 244

Deuteranomaly
220, 204, 240

Tritanomaly
224, 204, 228

Monochromacy



Original Color
226, 201, 241

Achromatopsia
213, 213, 213

Achromatomaly
218, 209, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 201, 241 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(226, 201, 241)` looks like.

```
.text, #text, p{  
    color:rgb(226, 201, 241)  
}
```

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(226, 201, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 201, 241) }
```

Border

The CSS property to change the border of an element to RYB 226, 201, 241 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(226, 201, 241) }
```

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

```
.border{ border-color:rgb(226, 201, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 201, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 201, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 201, 241); box-shadow:4px 4px 4px 4px rgb(226, 201, 241) }
```

Background

The CSS property to change the background color of an element to RGB 226, 201, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 201, 241) }
```

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

```
.background{ background-color: rgb(226,  
201, 241) }
```

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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