

Converting Colors

`RYB(241, 209, 227)`

Have a look what the booklet for RYB(241, 209, 227) contains.

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Color

R_YB(241, 209, 227)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F1D1E3 |
| RGB | 241, 209, 227 |
| RGB Percent | 95%, 82%, 89% |
| CMY | 0.0549, 0.1804, 0.1098 |
| CMYK | 0.00, 0.13, 0.06, 0.05 |
| HSL | 326°, 53%, 88% |
| HSV | 326°, 13%, 95% |
| XYZ | 72.9412, 69.8478, 82.3106 |
| YIQ | 220.6200, 13.2940, 12.3820 |

Conversions

Conversions Part 2

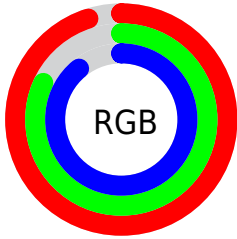
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 241, 209, 227 |
| Decimal | 15847907 |
| CIE _{Lab} | 86.92, 14.14, -4.74 |
| CIE _{LCh} | 87, 14.914, 341.470 |
| Yxy | 69.8478, 0.3240, 0.3103 |
| Android (android.graphics.Color) | 4294037987 (0xFFFF1D1E3) |
| YUV | 220.6200, 3.1453, 17.8733 |
| Hunter-Lab | 83.5750, 9.5322, 0.1095 |

Details

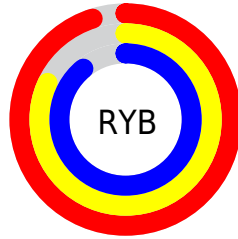
The RYB color **241, 209, 227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **209, 231, 241**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is 255, 255, 255, and **185, 155, 172** is the 20% darker color. If you saturate the color by 10%, you get **241, 185, 216**, and if you desaturate by 10%, it is **241, 233, 238**.

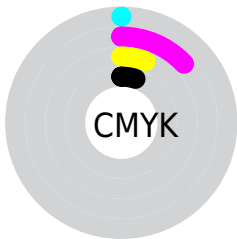
Distribution



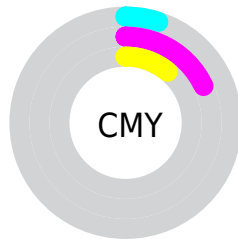
- Red (95%)
- Green (82%)
- Blue (89%)



- Red (95%)
- Yellow (82%)
- Blue (89%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (5%)



- Cyan (5%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RYB color 241, 209, 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 241, 209, 227 by changing the saturation by 10% instead.

 241, 209, 227


255, 255, 255

 241, 209, 227

 213, 181, 199

 185, 155, 172

 158, 128, 145

 131, 103, 119

 106, 79, 95

 82, 56, 71


 58, 34, 49


 36, 14, 28


 2, 0, 0

 241, 209, 227


 241, 209, 227

 241, 185, 216


 241, 233, 238


 241, 161, 206


 241, 250, 255


 241, 137, 195


 241, 248, 255

 241, 113, 185

 241, 89, 174

 241, 64, 164

 241, 40, 153

 241, 16, 143

 241, 0, 136

Harmonies

Analogous

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



227, 212, 239



241, 209, 227



248, 208, 213

Triad

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



241, 209, 227



197, 224, 190



183, 206, 236

Complementary

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



241, 209, 227



209, 231, 241

Split Complementary

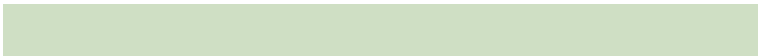
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



183, 205, 226



241, 209, 227



196, 223, 212

Square

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



241, 209, 227



238, 236, 191



192, 214, 225



193, 211, 244

Rectangle

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



241, 209, 227



248, 210, 203



192, 214, 225



182, 205, 232

Sweetspot

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



241, 209, 227



255, 245, 251



223, 209, 241



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

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



241, 209, 227



255, 214, 237



241, 209, 211



120, 108, 115



184, 0, 103



56, 0, 32

Inverse Universe

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



241, 209, 227



255, 214, 237



209, 226, 241



120, 108, 115



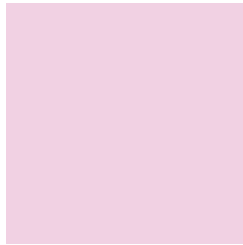
184, 0, 103



56, 0, 32

Previews

White Background



This preview shows how the RYB color 241, 209, 227 looks on a white background.

Color Contrast Check

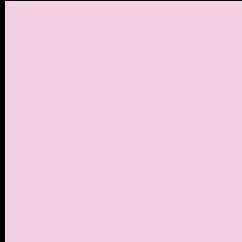
Large Text (above 18pt) WCAG AA × Fail

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 241, 209, 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 241, 209, 227 Background



This preview shows how black text looks on a background with the RYB color 241, 209, 227.

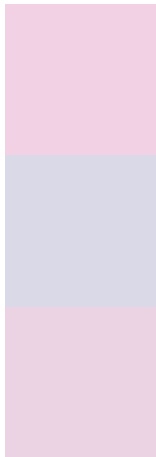


This preview shows how white text looks on a background with the RYB color 241, 209, 227.

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
241, 209, 227

Protanopia
218, 217, 232

Deuteranopia
235, 211, 227



Tritanopia

241, 209, 226

Trichromacy



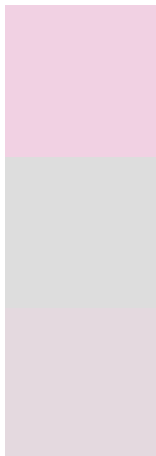
Original Color
241, 209, 227

Protanomaly
226, 214, 230

Deuteranomaly
237, 210, 227

Tritanomaly
241, 209, 226

Monochromacy



Original Color
241, 209, 227

Achromatopsia
221, 221, 221

Achromatomaly
228, 217, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 209, 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(241, 209, 227) looks like.

```
.text, #text, p{  
    color:rgb(241, 209, 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(241, 209, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 209, 227) }
```

Border

The CSS property to change the border of an element to RYB 241, 209, 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(241, 209, 227) }
```

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

```
.border{ border-color:rgb(241, 209, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 209, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 209, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 209, 227); box-shadow:4px 4px 4px 4px rgb(241, 209, 227) }
```

Background

The CSS property to change the background color of an element to RYB 241, 209, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 209, 227) }
```

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

```
.background{ background-color: rgb(241,  
209, 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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