

Converting Colors

`RYB(247, 207, 235)`

Have a look what the booklet for RYB(247, 207, 235) contains.

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Color

`RYB(247, 207, 235)`

Conversions

Conversions Part 1

Format	Color
Hex	F7CFEB
RGB	247, 207, 235
RGB Percent	97%, 81%, 92%
CMY	0.0314, 0.1882, 0.0784
CMYK	0.00, 0.16, 0.05, 0.03
HSL	318°, 71%, 89%
HSV	318°, 16%, 97%
XYZ	75.6660, 70.3980, 88.1974
YIQ	222.1520, 14.8520, 17.1880

Conversions

Conversions Part 2

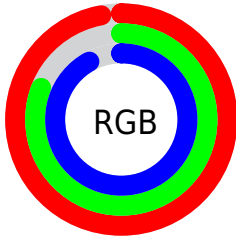
Format	Color
R_{YB}	247, 207, 235
Decimal	16240619
CIE _{Lab}	87.19, 18.61, -8.52
CIE _{LCh}	87, 20.467, 335.404
Yxy	70.3980, 0.3230, 0.3005
Android (android.graphics.Color)	4294430699 (0xFFF7CFEB)
YUV	222.1520, 6.3341, 21.7917
Hunter-Lab	83.9035, 14.1441, -3.5918

Details

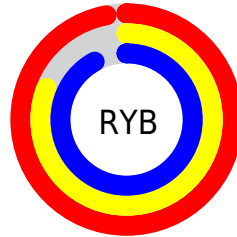
The RYB color **247, 207, 235** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **207, 238, 247**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **190, 153, 179** is the 20% darker color. If you saturate the color by 10%, you get **247, 182, 228**, and if you desaturate by 10%, it is **247, 232, 242**.

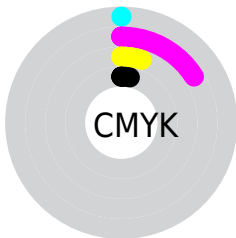
Distribution



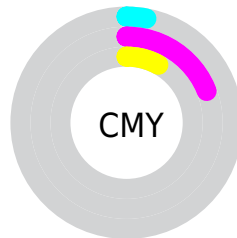
- Red (97%)
- Green (81%)
- Blue (92%)



- Red (97%)
- Yellow (81%)
- Blue (92%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the RYB color 247, 207, 235 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 247, 207, 235 by changing the saturation by 10% instead.

 247, 207, 235

255, 255, 255


 247, 207, 235

 218, 179, 207

 190, 153, 179

 163, 126, 152

 137, 101, 127

 111, 77, 102

 86, 54, 78


 62, 32, 55

 40, 11, 33


 13, 0, 9

 247, 207, 235

 247, 207, 235

 247, 182, 228


 247, 232, 242

 247, 158, 220

 247, 253, 255

 247, 133, 213

 247, 251, 255

 247, 108, 205

 247, 84, 198

 247, 59, 191

 247, 34, 183

 247, 9, 176

 247, 0, 173

Harmonies

Analogous

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



226, 212, 250



247, 207, 235



255, 205, 216

Triad

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



247, 207, 235



196, 230, 180



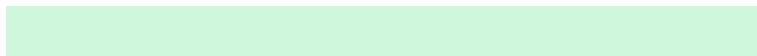
167, 201, 240

Complementary

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



247, 207, 235



207, 238, 247

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.



171, 203, 230



247, 207, 235



186, 224, 202

Square

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



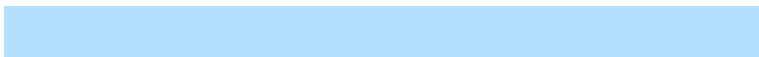
247, 207, 235



248, 234, 184



187, 217, 228



179, 207, 253

Rectangle

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



247, 207, 235



255, 206, 203



187, 217, 228



167, 199, 234

Sweetspot

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



247, 207, 235



255, 242, 251



219, 207, 247



128, 120, 125



0, 0, 0



128, 128, 128

Same Dimension

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



247, 207, 235



255, 207, 240



247, 207, 215



122, 110, 119



186, 0, 130



59, 0, 41

Inverse Universe

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



247, 207, 235



255, 207, 240



207, 229, 247



122, 110, 119



186, 0, 130



59, 0, 41

Previews

White Background



This preview shows how the RYB color 247, 207, 235 looks on a white background.

Color Contrast Check

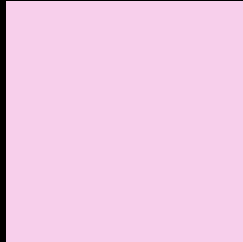
Large Text (above 18pt) WCAG AA × Fail

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 247, 207, 235 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 247, 207, 235 Background



This preview shows how black text looks on a background with the RYB color 247, 207, 235.



This preview shows how white text looks on a background with the RYB color 247, 207, 235.

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
247, 207, 235

Protanopia
216, 217, 241

Deuteranopia
233, 212, 234



Tritanopia
246, 209, 225

Trichromacy



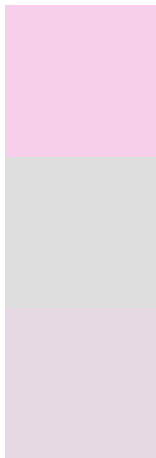
Original Color
247, 207, 235

Protanomaly
227, 213, 239

Deuteranomaly
238, 210, 234

Tritanomaly
246, 208, 229

Monochromacy



Original Color
247, 207, 235

Achromatopsia
222, 222, 222

Achromatomaly
231, 217, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 207, 235 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(247, 207, 235) looks like.

```
.text, #text, p{  
    color:rgb(247, 207, 235)  
}
```

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(247, 207, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 207, 235) }
```

Border

The CSS property to change the border of an element to RYB 247, 207, 235 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(247, 207, 235) }
```

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

```
.border{ border-color:rgb(247, 207, 235) }
```

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

Here you see how a box with a 4 pixel rgb(247, 207, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 207, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 207, 235);  
box-shadow:4px 4px 4px 4px rgb(247, 207,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 247, 207, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 207, 235) }
```

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

```
.background{ background-color: rgb(247,  
207, 235) }
```

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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