

Converting Colors

`RYB(254, 230, 235)`

Have a look what the booklet for
RYB(254, 230, 235) contains.

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Color

R_YB(254, 230, 235)

Conversions

Conversions Part 1

Format	Color
Hex	FEE6EB
RGB	254, 230, 235
RGB Percent	100%, 90%, 92%
CMY	0.0039, 0.0980, 0.0784
CMYK	0.00, 0.09, 0.07, 0.00
HSL	348°, 92%, 95%
HSV	348°, 9%, 100%
XYZ	84.1653, 83.6626, 90.3098
YIQ	237.7460, 12.6990, 6.6430

Conversions

Conversions Part 2

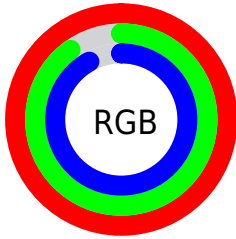
Format	Color
R _Y B	254, 230, 235
Decimal	16705259
CIE Lab	93.30, 9.00, 0.54
CIE LCh	93, 9.020, 3.449
Yxy	83.6626, 0.3260, 0.3241
Android (android.graphics.Color)	4294895339 (0xFFEE6EB)
YUV	237.7460, -1.3538, 14.2548
Hunter-Lab	91.4673, 4.1823, 5.4874

Details

The RYB color **254, 230, 235** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **230, 243, 254**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 255**, and **197, 174, 179** is the 20% darker color. If you saturate the color by 10%, you get **254, 205, 215**, and if you desaturate by 10%, it is **254, 255, 255**.

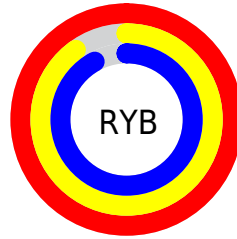
Distribution



Red (100%)

Green (90%)

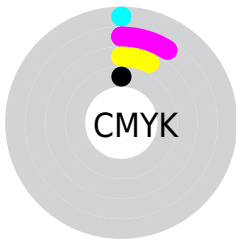
Blue (92%)



Red (100%)

Yellow (90%)

Blue (92%)

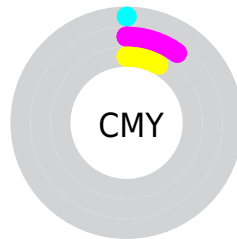


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 230, 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 254, 230, 235 by changing the saturation by 10% instead.


 254, 230, 235

255, 255, 255

 254, 230, 235


 225, 202, 207

 197, 174, 179

 170, 148, 153

 143, 122, 127

 118, 97, 102

 93, 73, 78

 69, 51, 55

 46, 30, 34


 27, 5, 11


 254, 230, 235


 254, 230, 235


 254, 205, 215


254, 255, 255

 254, 179, 195

 254, 154, 175

 254, 128, 155

 254, 103, 134

 254, 78, 114

 254, 52, 94

 254, 27, 74

 254, 1, 54

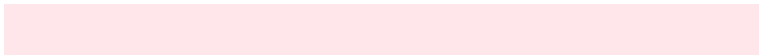
Harmonies

Analogous

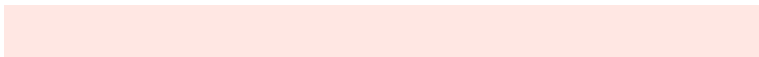
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 231, 244



254, 230, 235



255, 232, 227

Triad

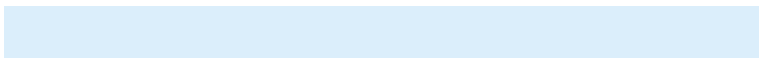
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



254, 230, 235



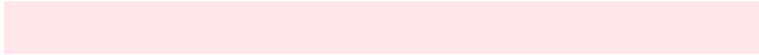
221, 238, 227



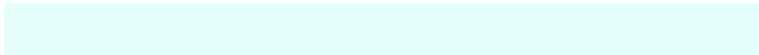
219, 231, 251

Complementary

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



254, 230, 235



230, 243, 254

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.



215, 229, 245



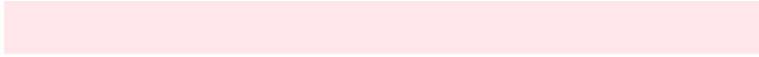
254, 230, 235



223, 236, 240

Square

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



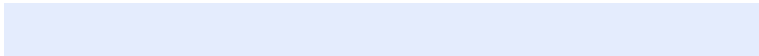
254, 230, 235



229, 242, 219



216, 230, 241



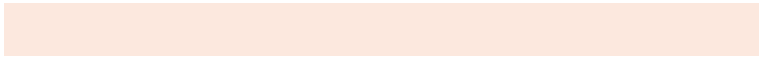
228, 234, 253

Rectangle

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



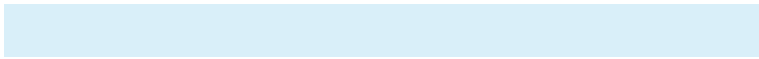
254, 230, 235



252, 237, 222



216, 230, 241



217, 230, 249

Sweetspot

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



254, 230, 235



255, 247, 249



249, 230, 254



128, 122, 123



0, 0, 0



128, 128, 128

Same Dimension

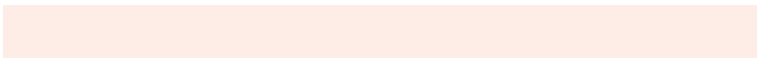
The Same Dimension uses a secret algorithm to generate beautiful new colors.



254, 230, 235



255, 227, 233



254, 240, 230



128, 115, 117



191, 0, 40



64, 0, 13

Inverse Universe

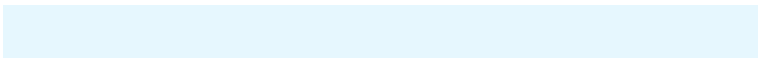
The Inverse Universe completely reimagines the original color for something new.



254, 230, 235



255, 227, 233



230, 240, 254



128, 115, 117



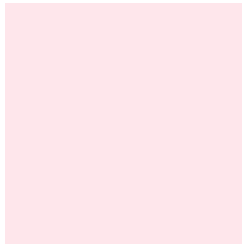
191, 0, 40



64, 0, 13

Previews

White Background



This preview shows how the RYB color 254, 230, 235 looks on a white background.

Color Contrast Check

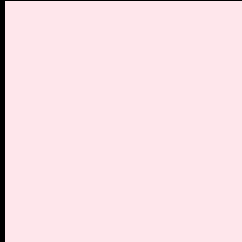
Large Text (above 18pt) WCAG AA × Fail

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 254, 230, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

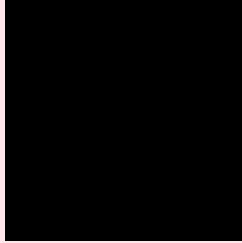
Any Text WCAG AA ✓ Pass

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 254, 230, 235 Background



This preview shows how black text looks on a background with the RYB color 254, 230, 235.

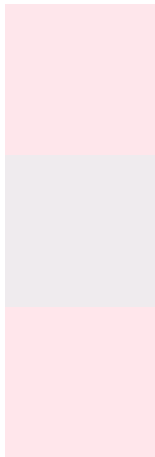


This preview shows how white text looks on a background with the RYB color 254, 230, 235.

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
254, 230, 235

Protanopia
239, 235, 238

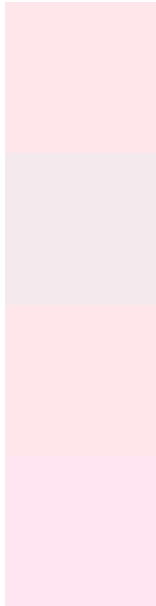
Deuteranopia
255, 230, 235



Tritanopia

255, 228, 246

Trichromacy



Original Color

254, 230, 235

Protanomaly

244, 233, 237

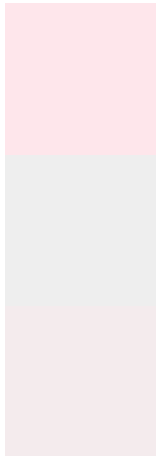
Deuteranomaly

255, 230, 235

Tritanomaly

255, 229, 242

Monochromacy



Original Color

254, 230, 235

Achromatopsia

238, 238, 238

Achromatomaly

244, 235, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 230, 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(254, 230, 235) looks like.

```
.text, #text, p{  
    color:rgb(254, 230, 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(254, 230, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 230, 235) }
```

Border

The CSS property to change the border of an element to RYB 254, 230, 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(254, 230, 235) }
```

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

```
.border{ border-color:rgb(254, 230, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 230, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 230, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 230, 235);  
box-shadow:4px 4px 4px 4px rgb(254, 230,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 254, 230, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 230, 235) }
```

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

```
.background{ background-color: rgb(254,  
230, 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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