

Converting Colors

`RYB(247, 230, 230)`

Have a look what the booklet for
RYB(247, 230, 230) contains.

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Color

R_YB(247, 230, 230)

Conversions

Conversions Part 1

Format	Color
Hex	F7E6E6
RGB	247, 230, 230
RGB Percent	97%, 90%, 90%
CMY	0.0314, 0.0980, 0.0980
CMYK	0.00, 0.07, 0.07, 0.03
HSL	0°, 52%, 94%
HSV	0°, 7%, 97%
XYZ	80.9375, 82.0810, 86.4403
YIQ	235.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

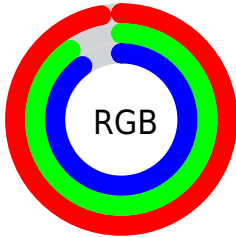
Format	Color
R _Y B	247, 230, 230
Decimal	16246502
CIE Lab	92.61, 5.77, 2.07
CIE LCh	93, 6.133, 19.730
Yxy	82.0810, 0.3245, 0.3290
Android (android.graphics.Color)	4294436582 (0xFFFF7E6E6)
YUV	235.0830, -2.5059, 10.4512
Hunter-Lab	90.5985, 0.9181, 6.8503

Details

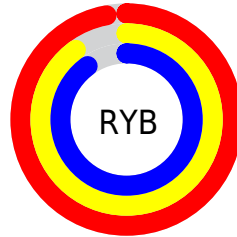
The RYB color **247, 230, 230** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **230, 239, 247**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **191, 175, 175** is the 20% darker color. If you saturate the color by 10%, you get **247, 205, 205**, and if you desaturate by 10%, it is **247, 251, 255**.

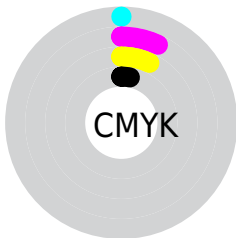
Distribution



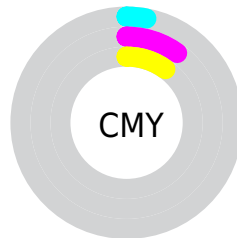
- Red (97%)
- Green (90%)
- Blue (90%)



- Red (97%)
- Yellow (90%)
- Blue (90%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 230, 230 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, 230, 230 by changing the saturation by 10% instead.

 247, 230, 230

 247, 230, 230

255, 255, 255

 218, 202, 202

 191, 175, 175

 163, 148, 148

 137, 122, 122

 112, 97, 97

 87, 74, 74

 64, 51, 51

 42, 30, 30


 22, 5, 5

 247, 230, 230


 247, 230, 230

 247, 205, 205

 247, 251, 255

 247, 181, 181

 247, 156, 156

 247, 131, 131

 247, 107, 107

 247, 82, 82

 247, 57, 57

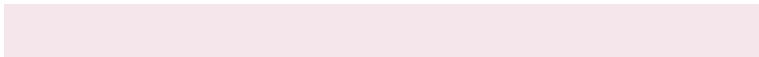
 247, 32, 32

 247, 8, 8

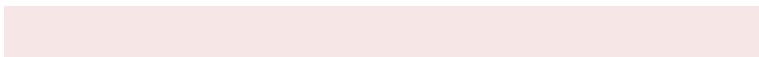
Harmonies

Analogous

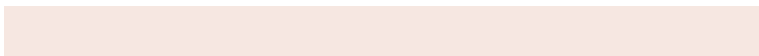
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245, 230, 236



247, 230, 230



246, 233, 225

Triad

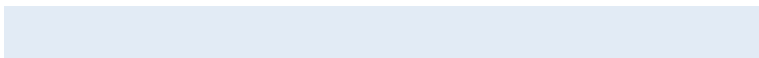
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247, 230, 230



226, 236, 234



226, 232, 245

Complementary

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



247, 230, 230



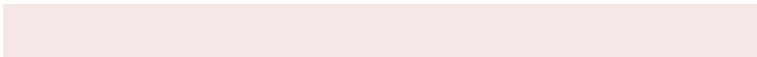
230, 239, 247

Split Complementary

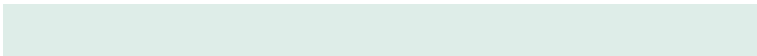
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221, 230, 243



247, 230, 230



222, 231, 237

Square

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



247, 230, 230



223, 235, 223



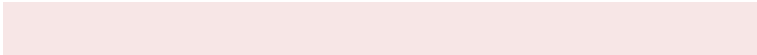
220, 229, 237



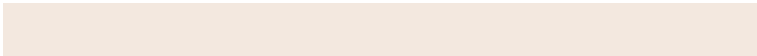
233, 233, 245

Rectangle

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



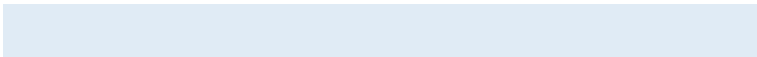
247, 230, 230



243, 239, 223



220, 229, 237



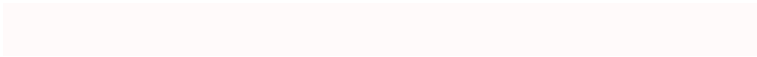
224, 231, 245

Sweetspot

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



247, 230, 230



255, 250, 250



247, 230, 247



128, 125, 125



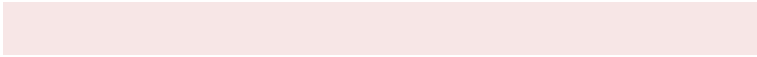
0, 0, 0



128, 128, 128

Same Dimension

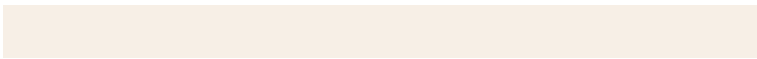
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247, 230, 230



255, 235, 235



245, 247, 230



122, 110, 110



186, 0, 0



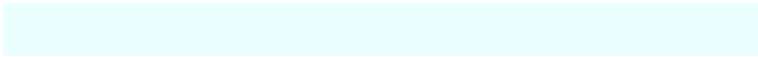
59, 0, 0

Inverse Universe

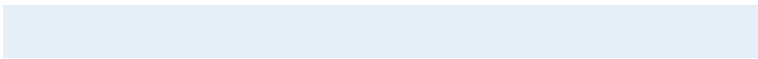
The Inverse Universe completely reimagines the original color for something new.



230, 239, 247



235, 245, 255



230, 236, 247



110, 116, 122



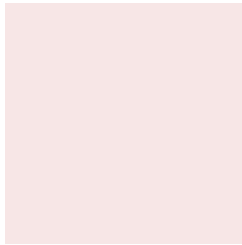
0, 93, 186



0, 30, 59

Previews

White Background



This preview shows how the RYB color 247, 230, 230 looks on a white background.

Color Contrast Check

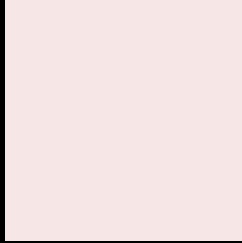
Large Text (above 18pt) WCAG AA × Fail

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, 230, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

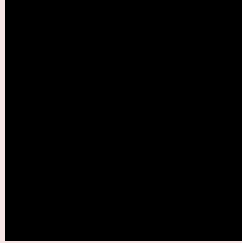
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

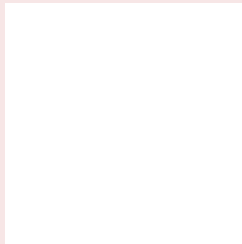
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 247, 230, 230 Background



This preview shows how black text looks on a background with the RYB color 247, 230, 230.



This preview shows how white text looks on a background with the RYB color 247, 230, 230.

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

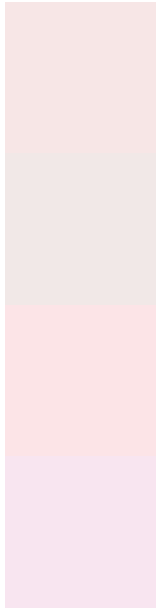
	Original Color 247, 230, 230
	Protanopia 238, 233, 232
	Deuteranopia 255, 227, 231



Tritanopia

249, 228, 245

Trichromacy



Original Color

247, 230, 230

Protanomaly

241, 232, 231

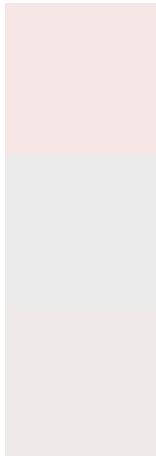
Deuteranomaly

252, 228, 231

Tritanomaly

248, 229, 240

Monochromacy



Original Color

247, 230, 230

Achromatopsia

235, 235, 235

Achromatomaly

239, 233, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 230, 230 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, 230, 230) looks like.

```
.text, #text, p{  
    color:rgb(247, 230, 230)  
}
```

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, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 230, 230) }
```

Border

The CSS property to change the border of an element to RYB 247, 230, 230 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, 230, 230) }
```

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

```
.border{ border-color:rgb(247, 230, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(247, 230,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 247, 230, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 230, 230) }
```

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

```
.background{ background-color: rgb(247,  
230, 230) }
```

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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