

Converting Colors

`RYB(254, 230, 250)`

Have a look what the booklet for
RYB(254, 230, 250) contains.

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Color

`RYB(254, 230, 250)`

Conversions

Conversions Part 1

Format	Color
Hex	FEE6FA
RGB	254, 230, 250
RGB Percent	100%, 90%, 98%
CMY	0.0039, 0.0980, 0.0196
CMYK	0.00, 0.09, 0.02, 0.00
HSL	310°, 92%, 95%
HSV	310°, 9%, 100%
XYZ	86.4252, 84.5666, 102.2104
YIQ	239.4560, 7.8840, 11.3080

Conversions

Conversions Part 2

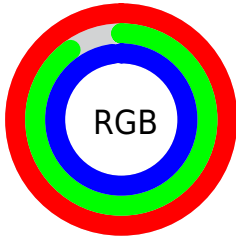
Format	Color
R_{YB}	254, 230, 250
Decimal	16705274
CIE Lab	93.70, 11.57, -6.70
CIE LCh	94, 13.370, 329.941
Yxy	84.5666, 0.3163, 0.3095
Android (android.graphics.Color)	4294895354 (0xFFEE6FA)
YUV	239.4560, 5.1982, 12.7551
Hunter-Lab	91.9601, 6.8263, -1.5267

Details

The RYB color **254, 230, 250** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **230, 251, 254**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is 255, 255, 255, and **197, 174, 194** is the 20% darker color. If you saturate the color by 10%, you get **254, 205, 246**, and if you desaturate by 10%, it is 254, 255, 255.

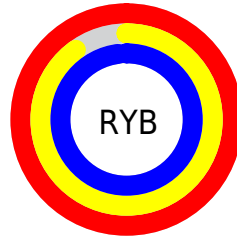
Distribution



Red (100%)

Green (90%)

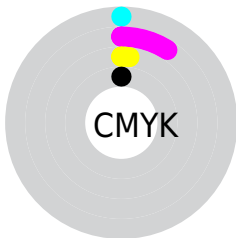
Blue (98%)



Red (100%)

Yellow (90%)

Blue (98%)

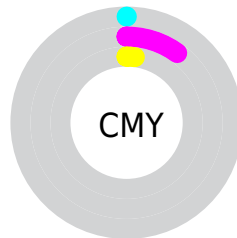


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 230, 250 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, 250 by changing the saturation by 10% instead.


 254, 230, 250

255, 255, 255

 254, 230, 250


 225, 202, 221


 197, 174, 194

 170, 148, 166

 143, 122, 140

 118, 97, 115

 93, 73, 90

 69, 51, 67

 47, 29, 44

 27, 5, 24

 254, 230, 250


 254, 230, 250


 254, 205, 246

254, 255, 255


 254, 179, 242

254, 255, 255


 254, 154, 237

 254, 128, 233

 254, 103, 229

 254, 78, 225

 254, 52, 220

 254, 27, 216

 254, 1, 212

Harmonies

Analogous

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



240, 234, 255



254, 230, 250



255, 228, 237

Triad

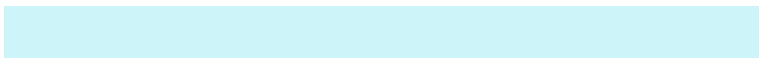
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



254, 230, 250



229, 248, 211



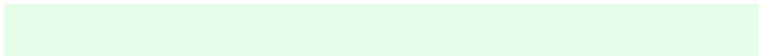
205, 226, 249

Complementary

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



254, 230, 250



230, 251, 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.



208, 229, 245



254, 230, 250



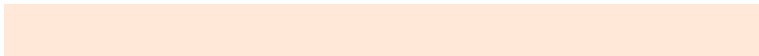
214, 240, 221

Square

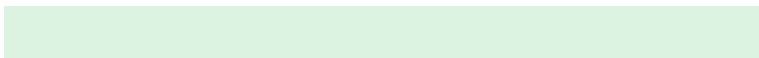
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



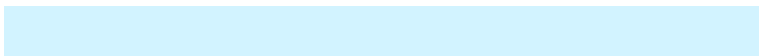
254, 230, 250



255, 245, 215



219, 239, 243



210, 229, 255

Rectangle

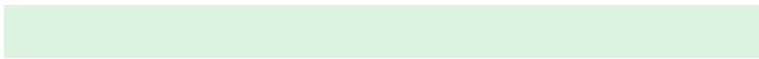
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



254, 230, 250



255, 228, 229



219, 239, 243



205, 225, 245

Sweetspot

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



254, 230, 250



255, 247, 254



234, 230, 254



128, 122, 127



0, 0, 0



128, 128, 128

Same Dimension

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



254, 230, 250



255, 227, 250



254, 230, 238



128, 115, 125



191, 0, 159



64, 0, 53

Inverse Universe

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



254, 230, 250



255, 227, 250



230, 244, 254



128, 115, 125



191, 0, 159



64, 0, 53

Previews

White Background



This preview shows how the RYB color 254, 230, 250 looks on a white background.

Color Contrast Check

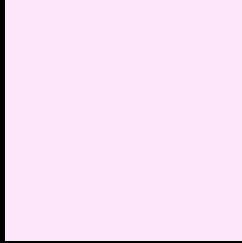
Large Text (above 18pt) WCAG AA × Fail

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, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

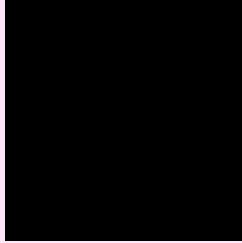
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

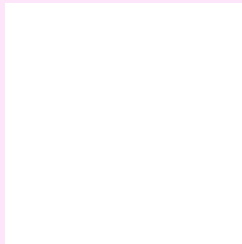
Any Text WCAG AAA ✓ Pass

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

RYB 254, 230, 250 Background



This preview shows how black text looks on a background with the RYB color 254, 230, 250.

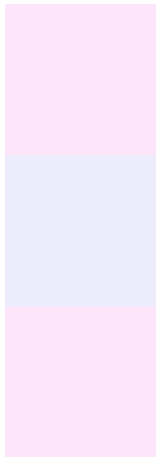


This preview shows how white text looks on a background with the RYB color 254, 230, 250.

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, 250

Protanopia
236, 236, 253

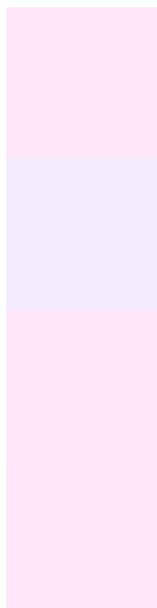
Deuteranopia
254, 230, 250



Tritanopia

254, 230, 248

Trichromacy



Original Color

254, 230, 250

Protanomaly

243, 234, 252

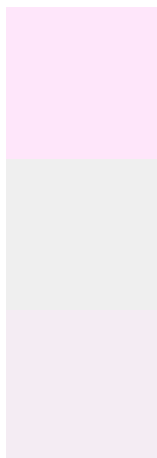
Deuteranomaly

254, 230, 250

Tritanomaly

254, 230, 249

Monochromacy



Original Color

254, 230, 250

Achromatopsia

239, 239, 239

Achromatomaly

244, 236, 243

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 230, 250 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, 250) looks like.

```
.text, #text, p{  
    color:rgb(254, 230, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 230, 250) }
```

Border

The CSS property to change the border of an element to RYB 254, 230, 250 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, 250) }
```

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

```
.border{ border-color:rgb(254, 230, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 230, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 230, 250);  
box-shadow:4px 4px 4px 4px rgb(254, 230,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 254, 230, 250 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, 250) }
```

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

```
.background{ background-color: rgb(254,  
230, 250) }
```

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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