

Converting Colors

`RYB(255, 230, 234)`

Have a look what the booklet for
RYB(255, 230, 234) contains.

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Color

R_YB(255, 230, 234)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6EA
RGB	255, 230, 234
RGB Percent	100%, 90%, 92%
CMY	0.0000, 0.0980, 0.0824
CMYK	0.00, 0.10, 0.08, 0.00
HSL	350°, 100%, 95%
HSV	350°, 10%, 100%
XYZ	84.3881, 83.7941, 89.5681
YIQ	237.9310, 13.6160, 6.5440

Conversions

Conversions Part 2

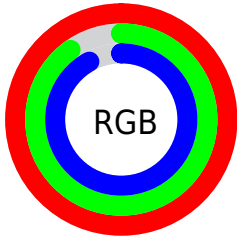
Format	Color
R_{YB}	255, 230, 234
Decimal	16770794
CIE _{Lab}	93.36, 9.18, 1.16
CIE _{LCh}	93, 9.253, 7.184
Yxy	83.7941, 0.3274, 0.3251
Android (android.graphics.Color)	4294960874 (0xFFFFE6EA)
YUV	237.9310, -1.9380, 14.9695
Hunter-Lab	91.5391, 4.3621, 6.0641

Details

The RYB color **255, 230, 234** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **230, 244, 255**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 174, 178** is the 20% darker color. If you saturate the color by 10%, you get **255, 205, 213**, and if you desaturate by 10%, it is 255, 255, 255.

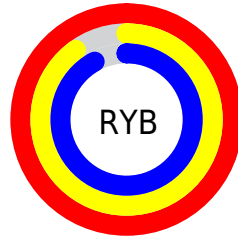
Distribution



Red (100%)

Green (90%)

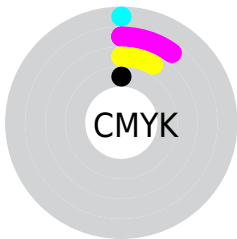
Blue (92%)



Red (100%)

Yellow (90%)

Blue (92%)

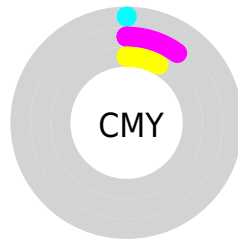


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 230, 234 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 255, 230, 234 by changing the saturation by 10% instead.

 255, 230, 234


255, 255, 255

 255, 230, 234

 226, 202, 206

 198, 174, 178

 171, 148, 152

 144, 122, 126

 118, 97, 101

 94, 73, 77

 70, 51, 54

 47, 30, 33

 28, 5, 10

 255, 230, 234

 255, 230, 234


 255, 205, 213


255, 255, 255

 255, 179, 191

 255, 154, 170

 255, 128, 148

 255, 103, 127

 255, 77, 105

 255, 52, 84

 255, 26, 63

 255, 1, 41

Harmonies

Analogous

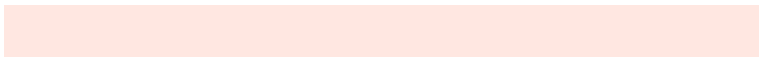
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



250, 231, 243



255, 230, 234



255, 233, 225

Triad

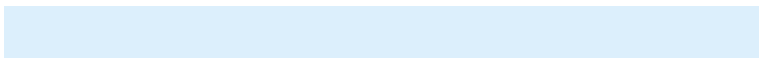
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 230, 234



222, 239, 230



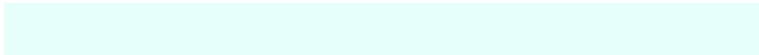
220, 232, 252

Complementary

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



255, 230, 234



230, 244, 255

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, 246



255, 230, 234



221, 235, 241

Square

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



255, 230, 234



224, 241, 218



215, 229, 241



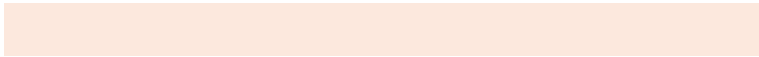
229, 234, 253

Rectangle

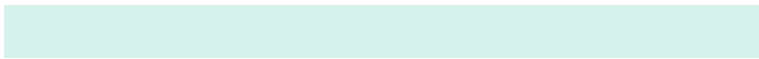
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



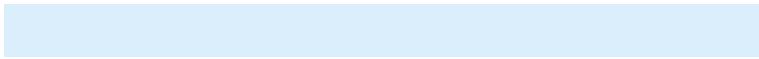
255, 230, 234



252, 238, 221



215, 229, 241



218, 231, 251

Sweetspot

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



255, 230, 234



255, 247, 249



251, 230, 255



128, 122, 123



0, 0, 0



128, 128, 128

Same Dimension

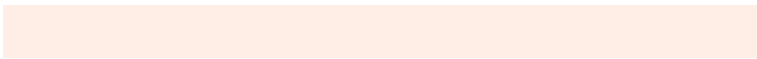
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 230, 234



255, 224, 229



255, 242, 230



128, 115, 117



191, 0, 31



64, 0, 10

Inverse Universe

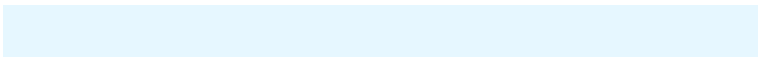
The Inverse Universe completely reimagines the original color for something new.



255, 230, 234



255, 224, 229



230, 240, 255



128, 115, 117



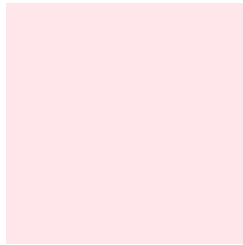
191, 0, 31



64, 0, 10

Previews

White Background



This preview shows how the RYB color 255, 230, 234 looks on a white background.

Color Contrast Check

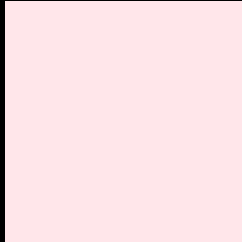
Large Text (above 18pt) WCAG AA × Fail

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 255, 230, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

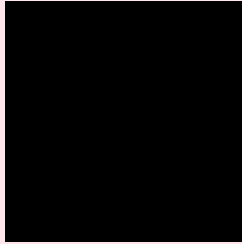
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

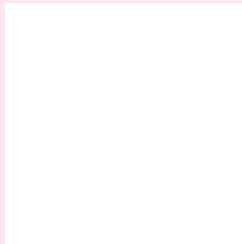
Any Text WCAG AAA ✓ Pass

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

RYB 255, 230, 234 Background



This preview shows how black text looks on a background with the RYB color 255, 230, 234.

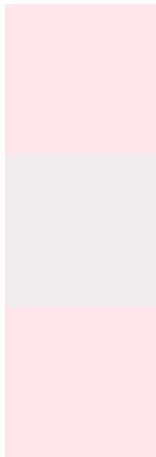


This preview shows how white text looks on a background with the RYB color 255, 230, 234.

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
255, 230, 234

Protanopia
240, 235, 237

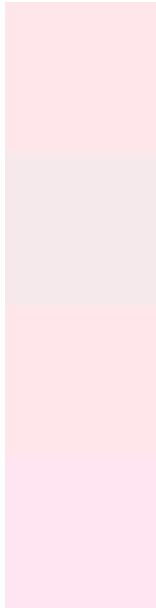
Deuteranopia
255, 230, 235



Tritanopia

255, 229, 245

Trichromacy



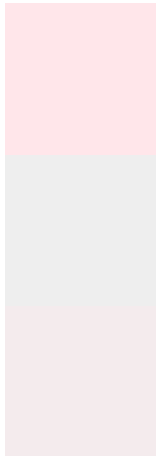
Original Color
255, 230, 234

Protanomaly
245, 233, 236

Deuteranomaly
255, 230, 235

Tritanomaly
255, 229, 241

Monochromacy



Original Color
255, 230, 234

Achromatopsia
238, 238, 238

Achromatomaly
244, 235, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 230, 234 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(255, 230, 234) looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 234)  
}
```

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(255, 230, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 234) }
```

Border

The CSS property to change the border of an element to RYB 255, 230, 234 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(255, 230, 234) }
```

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

```
.border{ border-color:rgb(255, 230, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
234) }
```

Background

The CSS property to change the background color of an element to RYB 255, 230, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 234) }
```

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

```
.background{ background-color: rgb(255,  
230, 234) }
```

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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