

Converting Colors

`RYB(252, 230, 231)`

Have a look what the booklet for RYB(252, 230, 231) contains.

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Color

RYB(252, 230, 231)

Conversions

Conversions Part 1

Format	Color
Hex	FCE6E7
RGB	252, 230, 231
RGB Percent	99%, 90%, 91%
CMY	0.0118, 0.0980, 0.0941
CMYK	0.00, 0.09, 0.08, 0.01
HSL	357°, 79%, 95%
HSV	357°, 9%, 99%
XYZ	82.8655, 83.0586, 87.2657
YIQ	236.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

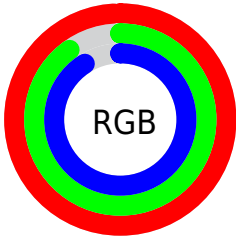
Format	Color
R _Y B	252, 230, 231
Decimal	16574183
CIE Lab	93.04, 7.66, 2.22
CIE LCh	93, 7.972, 16.195
Yxy	83.0586, 0.3273, 0.3280
Android (android.graphics.Color)	4294764263 (0xFFFC6E7)
YUV	236.6920, -2.8062, 13.4251
Hunter-Lab	91.1365, 2.8116, 7.0237

Details

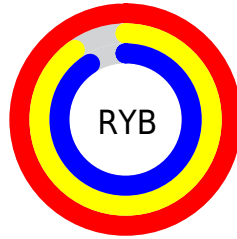
The RYB color **252, 230, 231** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **230, 241, 252**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 175, 175** is the 20% darker color. If you saturate the color by 10%, you get **252, 205, 207**, and if you desaturate by 10%, it is 252, 254, 255.

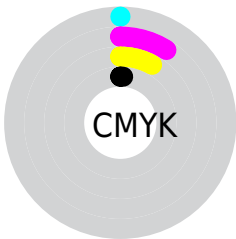
Distribution



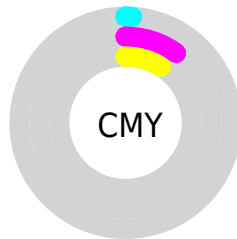
- Red (99%)
- Green (90%)
- Blue (91%)



- Red (99%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (1%)



- Cyan (1%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 230, 231 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 252, 230, 231 by changing the saturation by 10% instead.

 252, 230, 231


255, 255, 255

 252, 230, 231


 223, 202, 203

 195, 175, 175

 168, 148, 149

 142, 122, 123

 116, 97, 98

 91, 73, 74

 67, 51, 52

 45, 30, 31

 26, 5, 6

252, 230, 231

252, 230, 231

252, 205, 207

252, 254, 255

252, 180, 183

252, 154, 159

252, 129, 135

252, 104, 111

252, 79, 87

252, 54, 63

252, 28, 39

252, 3, 15

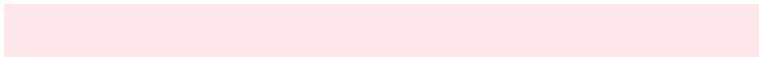
Harmonies

Analogous

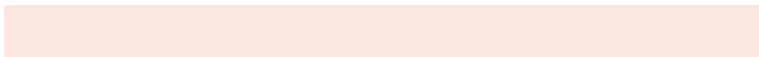
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 230, 239



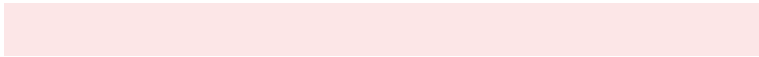
252, 230, 231



251, 233, 224

Triad

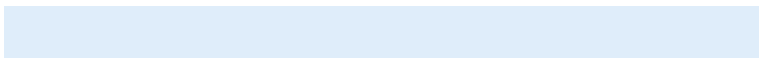
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 230, 231



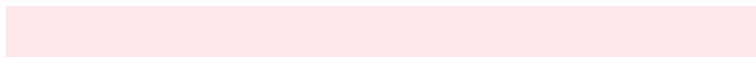
224, 238, 234



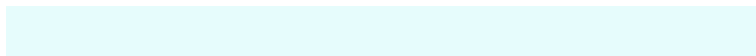
223, 232, 250

Complementary

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



252, 230, 231



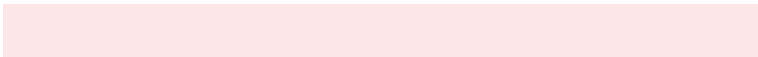
230, 241, 252

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.



218, 230, 246



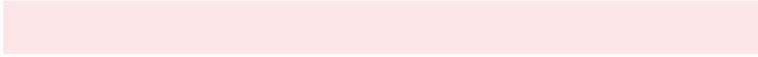
252, 230, 231



221, 233, 239

Square

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



252, 230, 231



221, 237, 220



217, 229, 240



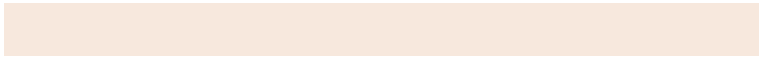
232, 234, 250

Rectangle

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



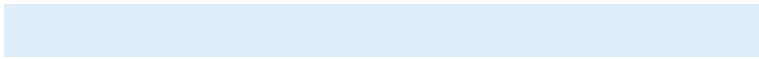
252, 230, 231



247, 240, 221



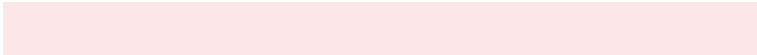
217, 229, 240



221, 231, 249

Sweetspot

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



252, 230, 231



255, 247, 248



251, 230, 252



128, 122, 123



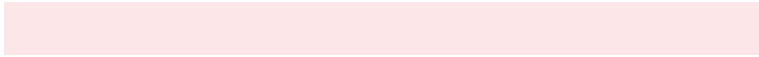
0, 0, 0



128, 128, 128

Same Dimension

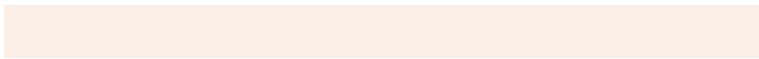
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 230, 231



255, 230, 231



252, 248, 230



125, 112, 113



189, 0, 9



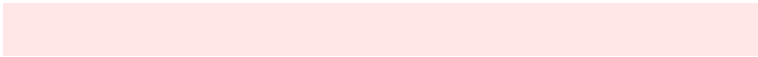
61, 0, 3

Inverse Universe

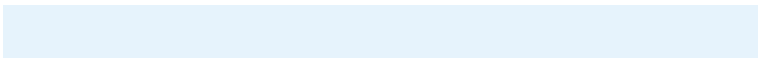
The Inverse Universe completely reimagines the original color for something new.



252, 230, 231



255, 230, 231



230, 238, 252



125, 112, 113



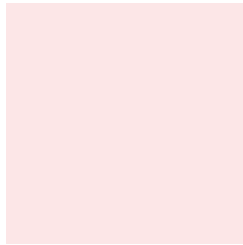
189, 0, 9



61, 0, 3

Previews

White Background



This preview shows how the RYB color 252, 230, 231 looks on a white background.

Color Contrast Check

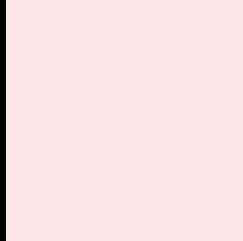
Large Text (above 18pt) WCAG AA × Fail

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 252, 230, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

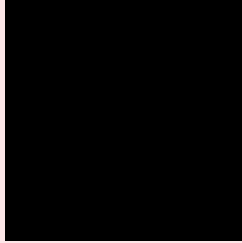
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

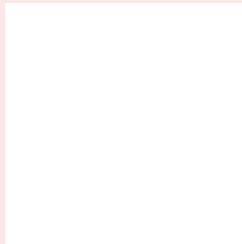
Any Text WCAG AAA ✓ Pass

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

RYB 252, 230, 231 Background



This preview shows how black text looks on a background with the RYB color 252, 230, 231.

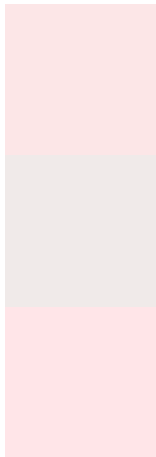


This preview shows how white text looks on a background with the RYB color 252, 230, 231.

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
252, 230, 231

Protanopia
240, 234, 233

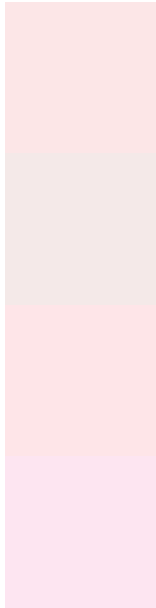
Deuteranopia
255, 229, 232



Tritanopia

254, 228, 246

Trichromacy



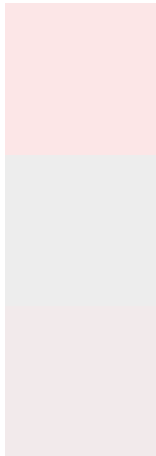
Original Color
252, 230, 231

Protanomaly
244, 233, 232

Deuteranomaly
254, 229, 232

Tritanomaly
253, 229, 241

Monochromacy



Original Color
252, 230, 231

Achromatopsia
237, 237, 237

Achromatomaly
242, 234, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 230, 231 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(252, 230, 231)` looks like.

```
.text, #text, p{  
    color:rgb(252, 230, 231)  
}
```

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(252, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 230, 231) }
```

Border

The CSS property to change the border of an element to RYB 252, 230, 231 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(252, 230, 231) }
```

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

```
.border{ border-color:rgb(252, 230, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 230, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(252, 230,  
231) }
```

Background

The CSS property to change the background color of an element to RYB 252, 230, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 230, 231) }
```

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

```
.background{ background-color: rgb(252,  
230, 231) }
```

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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