

Converting Colors

`RYB(255, 232, 231)`

Have a look what the booklet for
RYB(255, 232, 231) contains.

RYB(255, 232, 231)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(255, 232, 231)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8E7
RGB	255, 232, 231
RGB Percent	100%, 91%, 91%
CMY	0.0000, 0.0904, 0.0941
CMYK	0.00, 0.09, 0.09, 0.00
HSL	2°, 100%, 95%
HSV	2°, 9%, 100%
XYZ	84.5092, 84.7202, 87.4998
YIQ	238.7630, 14.0290, 4.5650

Conversions

Conversions Part 2

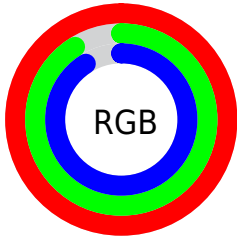
Format	Color
R _Y B	255, 232, 231
Decimal	16771303
CIE Lab	93.76, 7.68, 3.30
CIE LCh	94, 8.360, 23.272
Yxy	84.7202, 0.3292, 0.3300
Android (android.graphics.Color)	4294961383 (0xFFFFE8E7)
YUV	238.7630, -3.8272, 14.2398
Hunter-Lab	92.0436, 2.8122, 8.0674

Details

The RYB color **255, 232, 231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **231, 243, 255**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 176, 175** is the 20% darker color. If you saturate the color by 10%, you get **255, 207, 206**, and if you desaturate by 10%, it is 255, 255, 255.

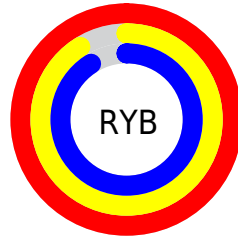
Distribution



Red (100%)

Green (91%)

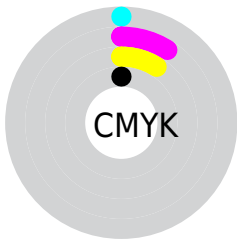
Blue (91%)



Red (100%)

Yellow (91%)

Blue (91%)

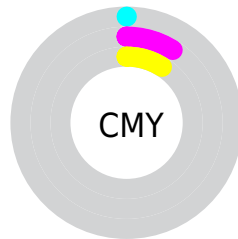


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 232, 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 255, 232, 231 by changing the saturation by 10% instead.


 255, 232, 231

255, 255, 255

 255, 232, 231

 226, 204, 203

 198, 176, 175

 171, 150, 149

 144, 124, 123

 118, 99, 98

 94, 75, 74

 70, 52, 52

 47, 31, 31

 28, 7, 6


 255, 232, 231


 255, 232, 231

 255, 207, 206

255, 255, 255

 255, 183, 180

 255, 159, 155

 255, 134, 129

 255, 110, 104

 255, 85, 78

 255, 61, 53

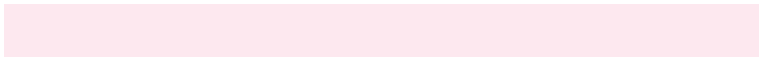
 255, 36, 27

 255, 12, 2

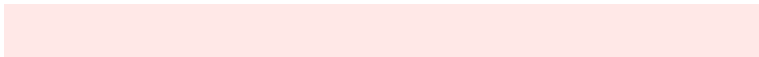
Harmonies

Analogous

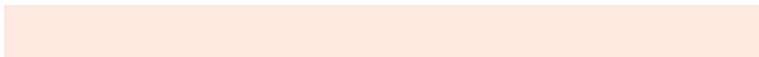
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



253, 232, 239



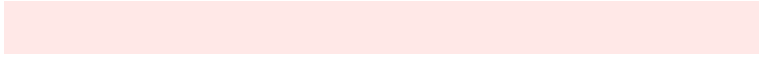
255, 232, 231



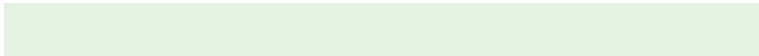
253, 237, 224

Triad

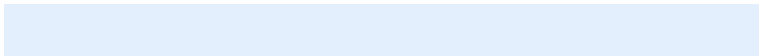
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 232, 231



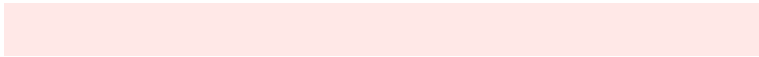
227, 241, 240



227, 235, 253

Complementary

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



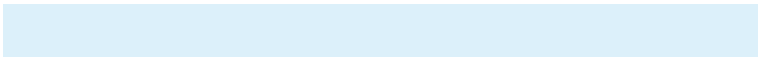
255, 232, 231



231, 243, 255

Split Complementary

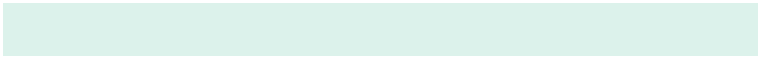
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220, 232, 250



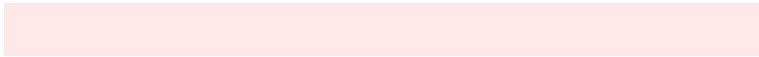
255, 232, 231



220, 233, 242

Square

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



255, 232, 231



222, 238, 223



218, 230, 243



237, 236, 252

Rectangle

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



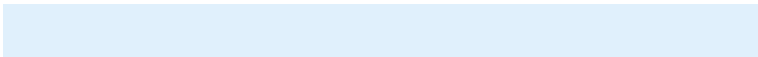
255, 232, 231



249, 247, 222



218, 230, 243



224, 234, 252

Sweetspot

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



255, 232, 231



255, 248, 247



255, 231, 254



128, 123, 122



0, 0, 0



128, 128, 128

Same Dimension

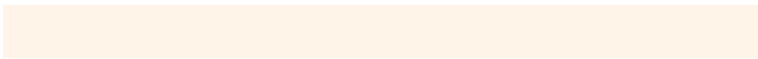
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 232, 231



255, 228, 227



251, 255, 231



128, 115, 115



191, 8, 0



64, 3, 0

Inverse Universe

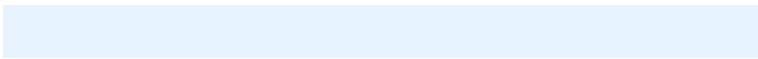
The Inverse Universe completely reimagines the original color for something new.



231, 243, 255



227, 241, 255



231, 239, 255



115, 121, 128



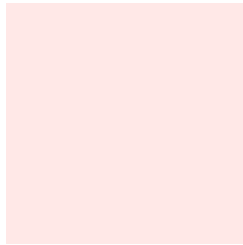
0, 94, 191



0, 31, 64

Previews

White Background



This preview shows how the RYB color 255, 232, 231 looks on a white background.

Color Contrast Check

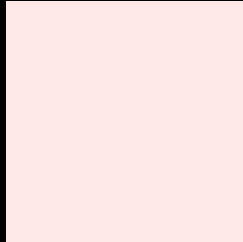
Large Text (above 18pt) WCAG AA × Fail

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 255, 232, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

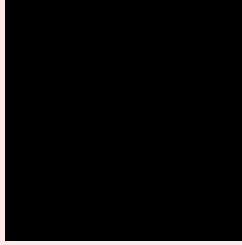
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

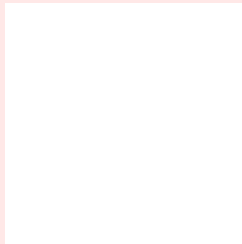
Any Text WCAG AAA ✓ Pass

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

RYB 255, 232, 231 Background



This preview shows how black text looks on a background with the RYB color 255, 232, 231.

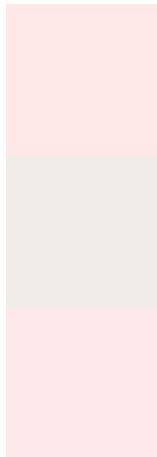


This preview shows how white text looks on a background with the RYB color 255, 232, 231.

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
255, 232, 231

Protanopia
242, 238, 233

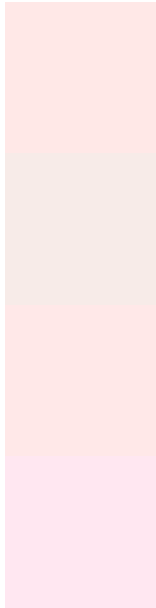
Deuteranopia
255, 232, 233



Tritanopia

255, 230, 246

Trichromacy



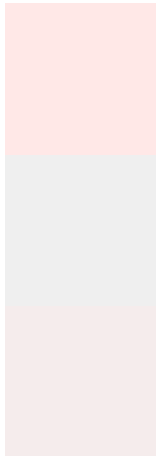
Original Color
255, 232, 231

Protanomaly
247, 236, 232

Deuteranomaly
255, 232, 232

Tritanomaly
255, 231, 241

Monochromacy



Original Color
255, 232, 231

Achromatopsia
239, 239, 239

Achromatomaly
245, 236, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 232, 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(255, 232, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 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(255, 232, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 231) }
```

Border

The CSS property to change the border of an element to RYB 255, 232, 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(255, 232, 231) }
```

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

```
.border{ border-color:rgb(255, 232, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
231) }
```

Background

The CSS property to change the background color of an element to RYB 255, 232, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 231) }
```

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

```
.background{ background-color: rgb(255,  
232, 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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