

Converting Colors

`RYB(255, 226, 233)`

Have a look what the booklet for
RYB(255, 226, 233) contains.

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Color

R_YB(255, 226, 233)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2E9
RGB	255, 226, 233
RGB Percent	100%, 89%, 91%
CMY	0.0000, 0.1137, 0.0863
CMYK	0.00, 0.11, 0.09, 0.00
HSL	346°, 100%, 94%
HSV	346°, 11%, 100%
XYZ	83.1443, 81.5359, 88.4466
YIQ	235.4690, 15.0370, 8.3250

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 226, 233
Decimal	16769769
CIE Lab	92.37, 11.08, 0.23
CIE LCh	92, 11.083, 1.206
Yxy	81.5359, 0.3285, 0.3221
Android (android.graphics.Color)	4294959849 (0xFFFFE2E9)
YUV	235.4690, -1.2172, 17.1287
Hunter-Lab	90.2972, 6.3400, 5.1332

Details

The RYB color **255, 226, 233** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **226, 242, 255**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 171, 177** is the 20% darker color. If you saturate the color by 10%, you get **255, 201, 214**, and if you desaturate by 10%, it is **255, 251, 252**.

Distribution



Red (100%)

Green (89%)

Blue (91%)



Red (100%)

Yellow (89%)

Blue (91%)



Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 226, 233 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, 226, 233 by changing the saturation by 10% instead.


 255, 226, 233

255, 255, 255

 255, 226, 233


 226, 198, 205

 198, 171, 177

 171, 144, 151

 144, 118, 125

 118, 94, 100

 93, 70, 76

 69, 48, 53

 47, 26, 32

 28, 0, 9

 255, 226, 233

 255, 226, 233

 255, 201, 214

 255, 251, 252


 255, 175, 194

255, 255, 255

 255, 149, 175

 255, 124, 156

 255, 98, 136

 255, 73, 117

 255, 48, 98

 255, 22, 78

 255, 0, 62

Harmonies

Analogous

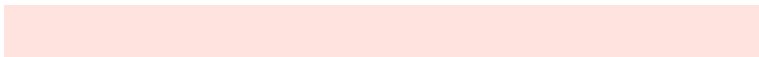
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 227, 244



255, 226, 233



255, 228, 222

Triad

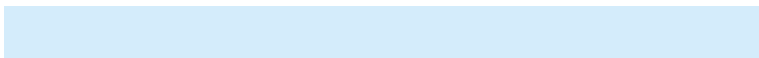
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 226, 233



215, 236, 221



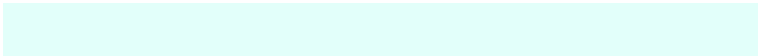
212, 227, 251

Complementary

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



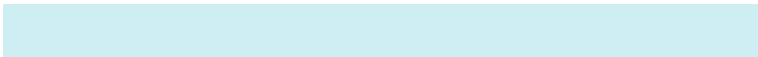
255, 226, 233



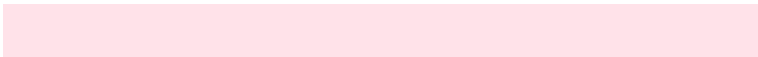
226, 242, 255

Split Complementary

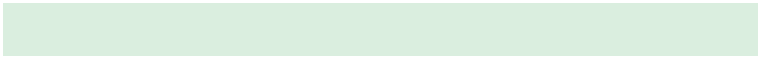
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



207, 224, 244



255, 226, 233



218, 234, 238

Square

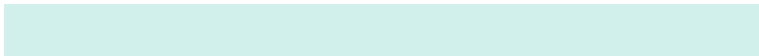
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 226, 233



227, 242, 212



209, 226, 240



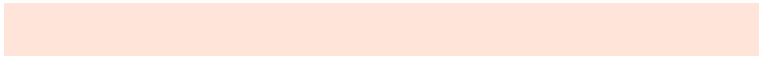
223, 231, 254

Rectangle

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



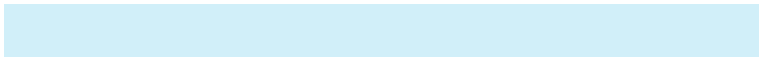
255, 226, 233



254, 233, 217



209, 226, 240



209, 226, 249

Sweetspot

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



255, 226, 233



255, 247, 249



248, 226, 255



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

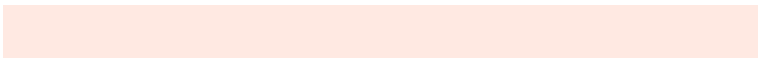
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 226, 233



255, 219, 228



255, 235, 226



128, 115, 118



191, 0, 46



64, 0, 15

Inverse Universe

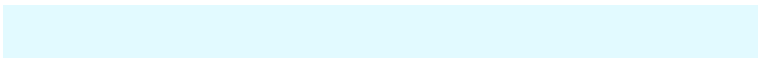
The Inverse Universe completely reimagines the original color for something new.



255, 226, 233



255, 219, 228



226, 239, 255



128, 115, 118



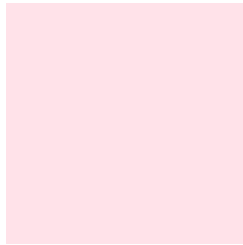
191, 0, 46



64, 0, 15

Previews

White Background



This preview shows how the RYB color 255, 226, 233 looks on a white background.

Color Contrast Check

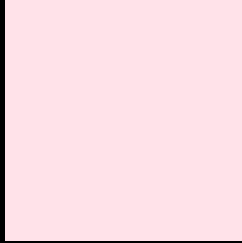
Large Text (above 18pt) WCAG AA × Fail

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, 226, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

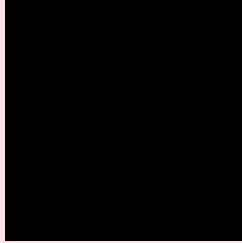
Any Text WCAG AA ✓ Pass

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, 226, 233 Background



This preview shows how black text looks on a background with the RYB color 255, 226, 233.

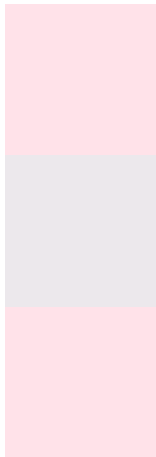


This preview shows how white text looks on a background with the RYB color 255, 226, 233.

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, 226, 233

Protanopia
236, 232, 236

Deuteranopia
255, 226, 233



Tritanopia
255, 225, 242

Trichromacy



Original Color

255, 226, 233

Protanomaly

243, 230, 235

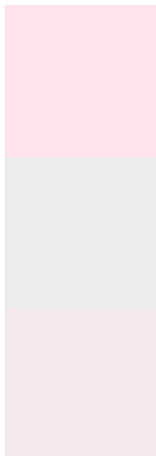
Deuteranomaly

255, 226, 233

Tritanomaly

255, 225, 239

Monochromacy



Original Color

255, 226, 233

Achromatopsia

235, 235, 235

Achromatomaly

242, 232, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 226, 233 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, 226, 233) looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 233)  
}
```

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, 226, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 233) }
```

Border

The CSS property to change the border of an element to RYB 255, 226, 233 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, 226, 233) }
```

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

```
.border{ border-color:rgb(255, 226, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
233) }
```

Background

The CSS property to change the background color of an element to RYB 255, 226, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 233) }
```

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

```
.background{ background-color: rgb(255,  
226, 233) }
```

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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