

Converting Colors

`RYB(255, 228, 232)`

Have a look what the booklet for
RYB(255, 228, 232) contains.

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Color

R_YB(255, 228, 232)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4E8
RGB	255, 228, 232
RGB Percent	100%, 89%, 91%
CMY	0.0000, 0.1059, 0.0902
CMYK	0.00, 0.11, 0.09, 0.00
HSL	351°, 100%, 95%
HSV	351°, 11%, 100%
XYZ	83.5489, 82.5730, 87.8786
YIQ	236.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 228, 232
Decimal	16770280
CIE Lab	92.83, 9.88, 1.42
CIE LCh	93, 9.985, 8.191
Yxy	82.5730, 0.3289, 0.3251
Android (android.graphics.Color)	4294960360 (0xFFFFE4E8)
YUV	236.5290, -2.2328, 16.1991
Hunter-Lab	90.8697, 5.0974, 6.2704

Details

The RYB color **255, 228, 232** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **228, 243, 255**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 173, 176** is the 20% darker color. If you saturate the color by 10%, you get **255, 203, 210**, and if you desaturate by 10%, it is **255, 254, 254**.

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, 228, 232 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, 228, 232 by changing the saturation by 10% instead.


 255, 228, 232

 255, 228, 232

255, 255, 255


 226, 200, 204


 198, 173, 176


 171, 146, 150

 144, 120, 124

 118, 95, 99

 93, 72, 75

 70, 49, 53

 47, 28, 32

 28, 2, 7

 255, 228, 232

 255, 228, 232

 255, 203, 210

255, 254, 254


 255, 177, 189

255, 255, 255

 255, 152, 167

 255, 126, 145

 255, 101, 123

 255, 75, 102

 255, 50, 80

 255, 24, 58

 255, 0, 38

Harmonies

Analogous

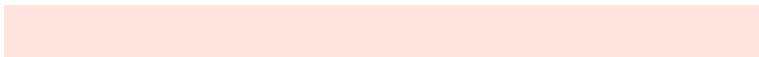
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



250, 229, 242



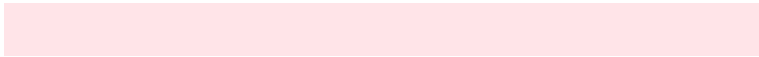
255, 228, 232



255, 230, 223

Triad

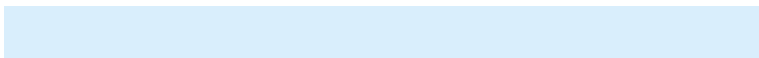
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 228, 232



219, 238, 228



217, 230, 252

Complementary

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



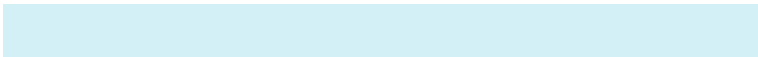
255, 228, 232



228, 243, 255

Split Complementary

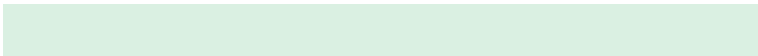
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



211, 227, 246



255, 228, 232



218, 234, 240

Square

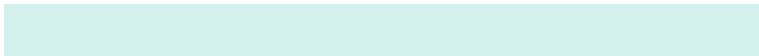
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 228, 232



221, 240, 215



212, 227, 240



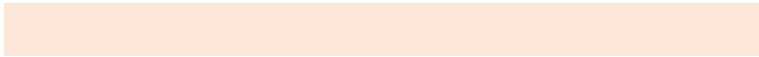
228, 233, 253

Rectangle

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



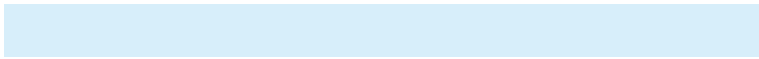
255, 228, 232



252, 237, 218



212, 227, 240



215, 229, 250

Sweetspot

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



255, 228, 232



255, 247, 248



251, 228, 255



128, 122, 123



0, 0, 0



128, 128, 128

Same Dimension

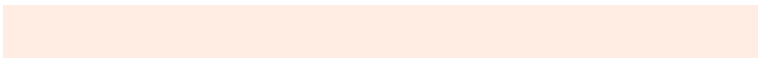
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 228, 232



255, 222, 227



255, 242, 228



128, 115, 117



191, 0, 28



64, 0, 9

Inverse Universe

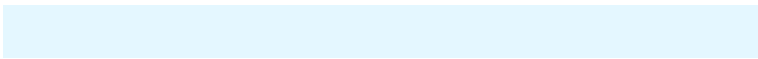
The Inverse Universe completely reimagines the original color for something new.



255, 228, 232



255, 222, 227



228, 239, 255



128, 115, 117



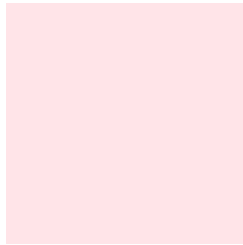
191, 0, 28



64, 0, 9

Previews

White Background



This preview shows how the RYB color 255, 228, 232 looks on a white background.

Color Contrast Check

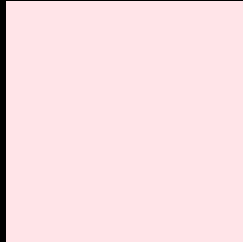
Large Text (above 18pt) WCAG AA × Fail

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, 228, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

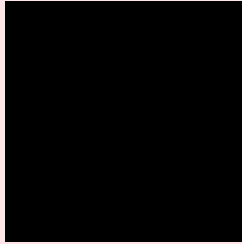
Any Text WCAG AA ✓ Pass

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, 228, 232 Background



This preview shows how black text looks on a background with the RYB color 255, 228, 232.

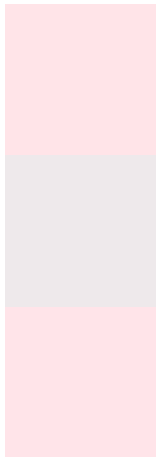


This preview shows how white text looks on a background with the RYB color 255, 228, 232.

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, 228, 232

Protanopia
238, 233, 235

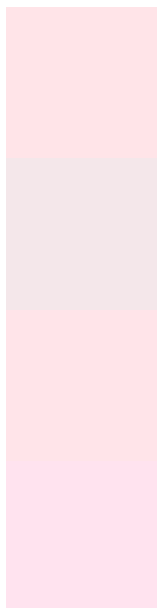
Deuteranopia
255, 228, 233



Tritanopia

255, 227, 243

Trichromacy



Original Color

255, 228, 232

Protanomaly

244, 231, 234

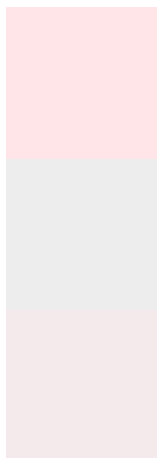
Deuteranomaly

255, 228, 233

Tritanomaly

255, 227, 239

Monochromacy



Original Color

255, 228, 232

Achromatopsia

237, 237, 237

Achromatomaly

244, 234, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 228, 232 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, 228, 232) looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 232)  
}
```

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, 228, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 232) }
```

Border

The CSS property to change the border of an element to RYB 255, 228, 232 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, 228, 232) }
```

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

```
.border{ border-color:rgb(255, 228, 232) }
```

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

Here you see how a box with a 4 pixel rgb(255, 228, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 255, 228, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 232) }
```

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

```
.background{ background-color: rgb(255,  
228, 232) }
```

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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