

Converting Colors

`RYB(255, 232, 252)`

Have a look what the booklet for
RYB(255, 232, 252) contains.

RYB(255, 232, 252)	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, 252)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8FC
RGB	255, 232, 252
RGB Percent	100%, 91%, 99%
CMY	0.0000, 0.0902, 0.0118
CMYK	0.00, 0.09, 0.01, 0.00
HSL	308°, 100%, 95%
HSV	308°, 9%, 100%
XYZ	87.6673, 86.0015, 104.0748
YIQ	241.1570, 7.2880, 11.0960

Conversions

Conversions Part 2

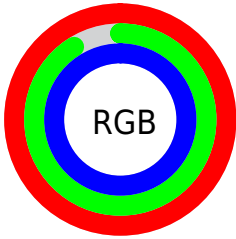
Format	Color
RYB	255, 232, 252
Decimal	16771324
CIELab	94.31, 11.22, -6.82
CIElCh	94, 13.131, 328.724
Yxy	86.0015, 0.3156, 0.3096
Android (android.graphics.Color)	4294961404 (0xFFFFE8FC)
YUV	241.1570, 5.3456, 12.1403
Hunter-Lab	92.7370, 6.4521, -1.6228

Details

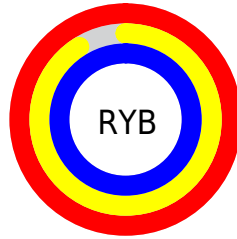
The RYB color **255, 232, 252** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **232, 252, 255**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 176, 195** is the 20% darker color. If you saturate the color by 10%, you get **255, 207, 249**, and if you desaturate by 10%, it is 255, 255, 255.

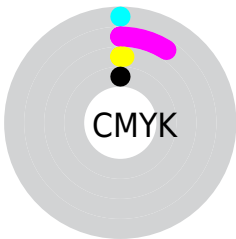
Distribution



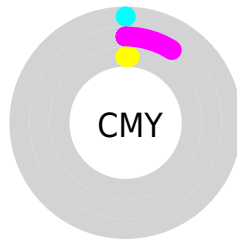
- Red (100%)
- Green (91%)
- Blue (99%)



- Red (100%)
- Yellow (91%)
- Blue (99%)



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 232, 252 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, 252 by changing the saturation by 10% instead.


 255, 232, 252

255, 255, 255

 255, 232, 252


 226, 204, 223


 198, 176, 195


 171, 150, 168

 144, 124, 142

 119, 99, 116

 94, 75, 92

 70, 52, 68

 47, 31, 46

 27, 8, 25

 255, 232, 252

 255, 232, 252

 255, 207, 249


255, 255, 255


 255, 181, 245


 255, 155, 242

 255, 130, 239

 255, 105, 235

 255, 79, 232

 255, 54, 229

 255, 28, 225

 255, 3, 222

Harmonies

Analogous

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



241, 236, 255



255, 232, 252



255, 230, 240

Triad

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



255, 232, 252



231, 250, 213



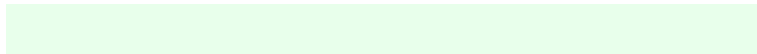
207, 227, 250

Complementary

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



255, 232, 252



232, 252, 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, 231, 246



255, 232, 252



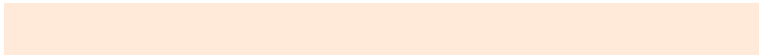
216, 242, 222

Square

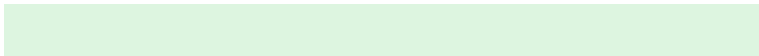
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



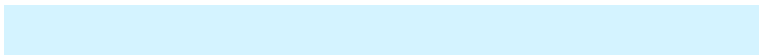
255, 232, 252



255, 248, 217



221, 242, 245



212, 230, 255

Rectangle

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



255, 232, 252



255, 230, 231



221, 242, 245



207, 227, 246

Sweetspot

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



255, 232, 252



255, 247, 254



235, 232, 255



128, 122, 127



0, 0, 0



128, 128, 128

Same Dimension

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



255, 232, 252



255, 227, 251



255, 232, 241



128, 115, 126



191, 0, 166



64, 0, 55

Inverse Universe

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



255, 232, 252



255, 227, 251



232, 246, 255



128, 115, 126



191, 0, 166



64, 0, 55

Previews

White Background



This preview shows how the RYB color 255, 232, 252 looks on a white background.

Color Contrast Check

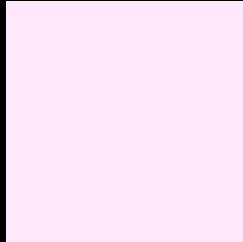
Large Text (above 18pt) WCAG AA × Fail

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, 252 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, 252 Background



This preview shows how black text looks on a background with the RYB color 255, 232, 252.

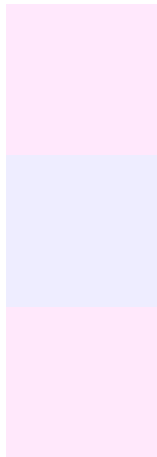


This preview shows how white text looks on a background with the RYB color 255, 232, 252.

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, 252

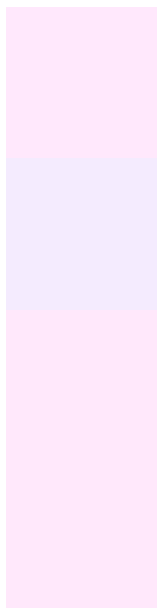
Protanopia
238, 237, 255

Deuteranopia
255, 232, 251



Tritanopia
255, 232, 250

Trichromacy



Original Color

255, 232, 252

Protanomaly

244, 235, 254

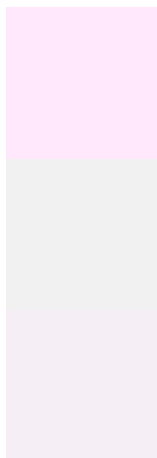
Deuteranomaly

255, 232, 251

Tritanomaly

255, 232, 251

Monochromacy



Original Color

255, 232, 252

Achromatopsia

241, 241, 241

Achromatomaly

246, 238, 245

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 232, 252 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, 252) looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 252) }
```

Border

The CSS property to change the border of an element to RYB 255, 232, 252 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, 252) }
```

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

```
.border{ border-color:rgb(255, 232, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
252) }
```

Background

The CSS property to change the background color of an element to RYB 255, 232, 252 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, 252) }
```

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

```
.background{ background-color: rgb(255,  
232, 252) }
```

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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