

Converting Colors

`RYB(238, 227, 240)`

Have a look what the booklet for
RYB(238, 227, 240) contains.

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Color

R_YB(238, 227, 240)

Conversions

Conversions Part 1

Format	Color
Hex	EEE3F0
RGB	238, 227, 240
RGB Percent	93%, 89%, 94%
CMY	0.0667, 0.1098, 0.0588
CMYK	0.01, 0.05, 0.00, 0.06
HSL	291°, 30%, 92%
HSV	291°, 5%, 94%
XYZ	78.4572, 79.4066, 93.6299
YIQ	231.7710, 2.3830, 6.3750

Conversions

Conversions Part 2

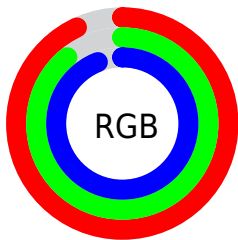
Format	Color
R _Y B	238, 227, 240
Decimal	15655920
CIE Lab	91.42, 6.02, -4.98
CIE LCh	91, 7.817, 320.390
Yxy	79.4066, 0.3120, 0.3157
Android (android.graphics.Color)	4293846000 (0xFFEEE3F0)
YUV	231.7710, 4.0569, 5.4628
Hunter-Lab	89.1104, 1.2170, 0.0801

Details

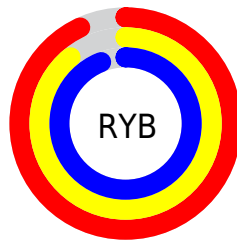
The RYB color **238, 227, 240** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **227, 240, 238**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is 255, 255, 255, and **182, 172, 184** is the 20% darker color. If you saturate the color by 10%, you get **234, 203, 240**, and if you desaturate by 10%, it is **240, 251, 249**.

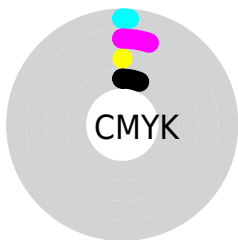
Distribution



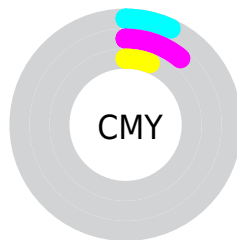
- Red (93%)
- Green (89%)
- Blue (94%)



- Red (93%)
- Yellow (89%)
- Blue (94%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (7%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 238, 227, 240 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 238, 227, 240 by changing the saturation by 10% instead.

■ 238, 227, 240

255, 255, 255

■ 238, 227, 240

■ 210, 199, 212

■ 182, 172, 184

■ 155, 145, 157

■ 129, 119, 131

■ 104, 95, 106

■ 80, 71, 82

■ 57, 49, 59


■ 36, 28, 37


■ 15, 1, 16

 238, 227, 240


 238, 227, 240

 234, 203, 240

 240, 251, 249

 231, 179, 240


 240, 255, 250

 227, 155, 240

 240, 255, 246

 223, 131, 240

 240, 255, 242


 220, 107, 240

 240, 255, 240

 216, 83, 240

 212, 59, 240

 208, 35, 240

 205, 11, 240

Harmonies

Analogous

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



229, 229, 244



238, 227, 240



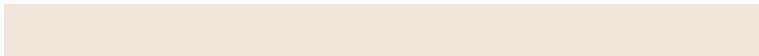
245, 226, 233

Triad

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



238, 227, 240



234, 239, 216



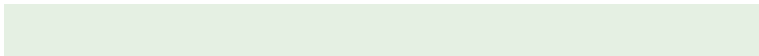
212, 224, 235

Complementary

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



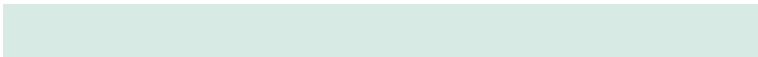
238, 227, 240



227, 240, 238

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.



215, 227, 235



238, 227, 240



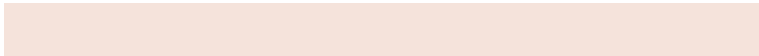
216, 231, 216

Square

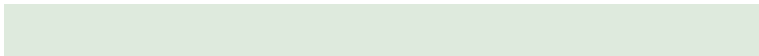
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238, 227, 240



245, 231, 219



221, 234, 233



214, 226, 242

Rectangle

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



238, 227, 240



247, 225, 228



221, 234, 233



213, 225, 235

Sweetspot

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



238, 227, 240



254, 250, 255



227, 229, 240



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



238, 227, 240



252, 237, 255



240, 227, 236



118, 110, 120



155, 0, 184



47, 0, 56

Inverse Universe

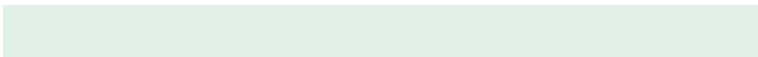
The Inverse Universe completely reimagines the original color for something new.



240, 227, 229



255, 237, 240



227, 237, 240



120, 110, 112



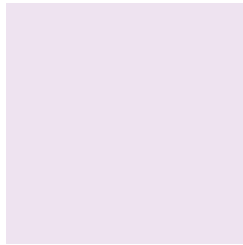
184, 0, 28



56, 0, 9

Previews

White Background



This preview shows how the RYB color 238, 227, 240 looks on a white background.

Color Contrast Check

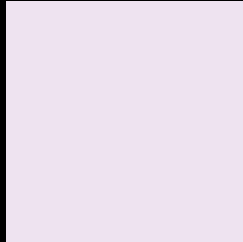
Large Text (above 18pt) WCAG AA × Fail

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 238, 227, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

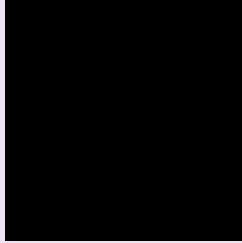
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

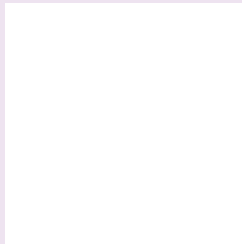
Any Text WCAG AAA ✓ Pass

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

RYB 238, 227, 240 Background



This preview shows how black text looks on a background with the RYB color 238, 227, 240.

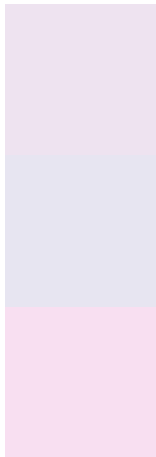


This preview shows how white text looks on a background with the RYB color 238, 227, 240.

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
238, 227, 240

Protanopia
231, 229, 241

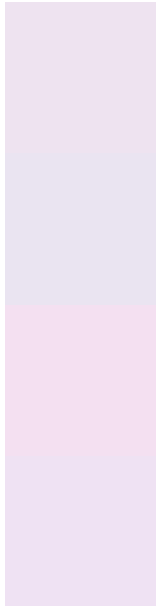
Deuteranopia
248, 223, 241



Tritanopia

239, 226, 244

Trichromacy



Original Color

238, 227, 240

Protanomaly

234, 228, 241

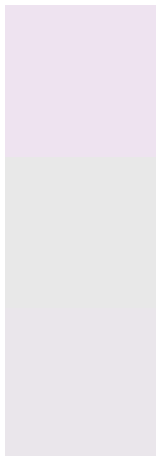
Deuteranomaly

244, 224, 241

Tritanomaly

239, 226, 243

Monochromacy



Original Color

238, 227, 240

Achromatopsia

232, 232, 232

Achromatomaly

234, 230, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 227, 240 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(238, 227, 240) looks like.

```
.text, #text, p{  
    color:rgb(238, 227, 240)  
}
```

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(238, 227, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 227, 240) }
```

Border

The CSS property to change the border of an element to RYB 238, 227, 240 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(238, 227, 240) }
```

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

```
.border{ border-color:rgb(238, 227, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 227, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 227, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 227, 240);  
box-shadow:4px 4px 4px 4px rgb(238, 227,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 238, 227, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 227, 240) }
```

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

```
.background{ background-color: rgb(238,  
227, 240) }
```

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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