Converting Colors

RYB(250, 227, 236)

Have a look what the booklet for RYB(250, 227, 236) contains.

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Color

RYB(250, 227, 236)

Conversions

Format	Color
Hex	FAE3EC
RGB	250, 227, 236
RGB Percent	98%, 89%, 93%
CMY	0.0196, 0.1098, 0.0745
CMYK	0.00, 0.09, 0.06, 0.02
HSL	337°, 70%, 94%
HSV	337°, 9%, 98%
XYZ	82.0337, 81.3183, 90.7292
YIQ	234.9030, 10.8190, 7.6750

Conversions Part 1

Conversions

Conversions Part 2

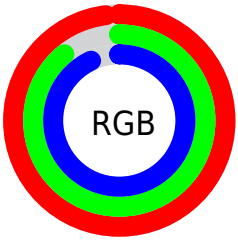
Format	Color
RYB	250, 227, 236
Decimal	16442348
CIELab	92.27, 9.36, -1.52
CIELCh	92, 9.481, 350.745
Yxy	81.3183, 0.3229, 0.3200
Android (android.graphics.Color)	4294632428 (0xFFFAE3EC)
YUV	234.9030, 0.5408, 13.2401
Hunter-Lab	90.1767, 4.5724, 3.4703

Details

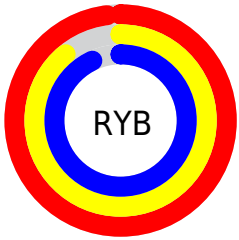
The RYB color 250, 227, 236 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 227, 241, 250, and the grayscale version is 235, 235, 235.

A 20% lighter version of the original color is 255, 255, 255, and 193, 172, 180 is the 20% darker color. If you saturate the color by 10%, you get 250, 202, 221, and if you desaturate by 10%, it is 250, 251, 252.

Distribution

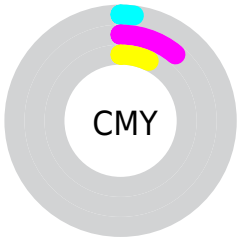


- Red (98%)
- Green (89%)
- Blue (93%)



- Red (98%)
- Yellow (89%)
- Blue (93%)

- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 227, 236 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 250, 227, 236 by changing the saturation by 10% instead.

250, 227, 236

255, 255, 255

250, 227, 236

221, 199, 208

193, 172, 180

166, 145, 153

140, 119, 128

114, 95, 103

90, 71, 79

66, 48, 56

44, 27, 34

24, 1, 12

250, 227, 236

250, 202, 221

250, 177, 206

250, 152, 190

250, 127, 175

250, 102, 160

250, 77, 145

250, 52, 129

250, 27, 114

250, 2, 99

250, 227, 236

250, 251, 252

250, 253, 255

Harmonies

Analogous

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

242, 229, 244

250, 227, 236

253, 227, 227

Triad

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

250, 227, 236

216, 234, 216

213, 227, 247

Complementary

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

250, 227, 236

227, 241, 250

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, 225, 239

250, 227, 236

221, 237, 235

Square

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

250, 227, 236

239, 244, 215

215, 229, 238

220, 230, 251

Rectangle

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

250, 227, 236

252, 230, 221

215, 229, 238

211, 226, 244

Sweetspot

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

250, 227, 236

255, 247, 250

241, 227, 250

128, 122, 124

0, 0, 0

128, 128, 128

Same Dimension

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

250, 227, 236

255, 227, 238

250, 229, 227

125, 112, 117

189, 0, 74

61, 0, 24

Inverse Universe

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

250, 227, 236

255, 227, 238

227, 238, 250

125, 112, 117

189, 0, 74

61, 0, 24

Previews

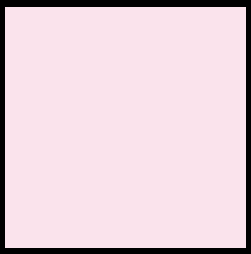
White Background

This preview shows how the RYB color 250, 227, 236 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



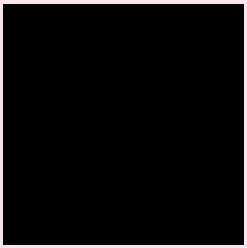
This preview shows how the RYB color 250, 227, 236 looks on a black background.

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 250, 227, 236 Background



This preview shows how black text looks on a background with the RYB color 250, 227, 236.

This preview shows how white text looks on a background with the RYB color 250, 227, 236.

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
250, 227, 236

Protanopia
235, 232, 239

Deuteranopia
254, 226, 236

Tritanopia
251, 226, 244

Trichromacy

Original Color
250, 227, 236

Protanomaly
240, 230, 238

Deuteranomaly
253, 226, 236

Tritanomaly
251, 226, 241

Monochromacy

Original Color
250, 227, 236

Achromatopsia
235, 235, 235

Achromatomaly
240, 232, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 227, 236 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(250, 227, 236) looks like.

```
.text, #text, p{
    color:rgb(250, 227, 236)
}
```

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(250, 227, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 236) }
```

Border

The CSS property to change the border of an element to RYB 250, 227, 236 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(250, 227, 236) }
```

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

```
.border{ border-color:rgb(250, 227, 236) }
```

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

Here you see how a box with a 4 pixel rgb(250, 227, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 227, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 227, 236); box-shadow:4px 4px 4px 4px rgb(250, 227, 236) }
```

Background

The CSS property to change the background color of an element to RYB 250, 227, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(250, 227, 236) }
```

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

```
.background{ background-color:rgb(250,
227, 236) }
```

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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