Converting Colors

RYB(234, 223, 240)

Have a look what the booklet for RYB(234, 223, 240) contains.

Color

RYB(234, 223, 240)

Conversions

Format	Color
Hex	EADFF0
RGB	234, 223, 240
RGB Percent	92%, 87%, 94%
CMY	0.0824, 0.1255, 0.0588
CMYK	0.03, 0.07, 0.00, 0.06
HSL	279°, 36%, 91%
HSV	279°, 7%, 94%
XYZ	76.0475, 76.5590, 93.2073
YIQ	228.2270, 1.0990, 7.6190

Conversions Part 1

Conversions

Conversions Part 2

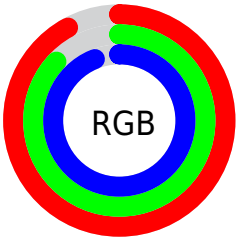
Format	Color
RYB	234, 223, 240
Decimal	15392752
CIELab	90.12, 6.77, -6.94
CIELCh	90, 9.696, 314.309
Yxy	76.5590, 0.3094, 0.3115
Android (android.graphics.Color)	4293582832 (0xFFEADFF0)
YUV	228.2270, 5.8041, 5.0629
Hunter-Lab	87.4980, 2.0189, -1.9101

Details

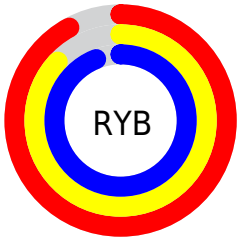
The RYB color 234, 223, 240 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 223, 240, 234, and the grayscale version is 228, 228, 228.

A 20% lighter version of the original color is 255, 255, 255, and 178, 168, 184 is the 20% darker color. If you saturate the color by 10%, you get 226, 199, 240, and if you desaturate by 10%, it is 240, 247, 245.

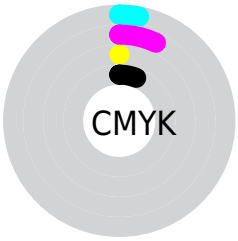
Distribution



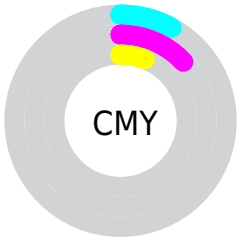
- Red (92%)
- Green (87%)
- Blue (94%)



- Red (92%)
- Yellow (87%)
- Blue (94%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (8%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 223, 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 234, 223, 240 by changing the saturation by 10% instead.

234, 223, 240

255, 255, 255

234, 223, 240

206, 195, 212

178, 168, 184

152, 141, 157

126, 116, 131

101, 91, 106

77, 68, 82

54, 46, 59

32, 25, 37

10, 0, 16

234, 223, 240

226, 199, 240

217, 175, 240

209, 151, 240

200, 127, 240

192, 103, 240

183, 79, 240

175, 55, 240

166, 31, 240

158, 7, 240

234, 223, 240

240, 247, 245

240, 255, 244

240, 255, 240

Harmonies

Analogous

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

223, 226, 245

234, 223, 240

243, 221, 232

Triad

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

234, 223, 240

239, 239, 209

204, 218, 232

Complementary

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

234, 223, 240

223, 240, 234

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.

210, 225, 232

234, 223, 240

213, 230, 209

Square

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

234, 223, 240

246, 225, 214

213, 230, 224

205, 220, 239

Rectangle

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

234, 223, 240

246, 221, 226

213, 230, 224

206, 220, 232

Sweetspot

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

234, 223, 240

253, 250, 255

223, 227, 240

127, 125, 128

0, 0, 0

128, 128, 128

Same Dimension

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

234, 223, 240

247, 232, 255

240, 223, 238

116, 108, 120

119, 0, 184

36, 0, 56

Inverse Universe

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

240, 223, 229

255, 232, 240

223, 238, 240

120, 108, 112

184, 0, 65

56, 0, 20

Previews

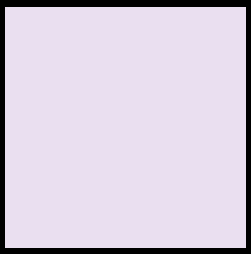
White Background

This preview shows how the RYB color 234, 223, 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



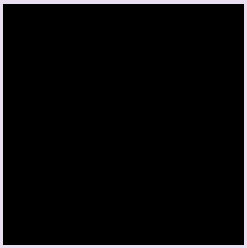
This preview shows how the RYB color 234, 223, 240 looks on a black background.

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 234, 223, 240 Background



This preview shows how black text looks on a background with the RYB color 234, 223, 240.

This preview shows how white text looks on a background with the RYB color 234, 223, 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
234, 223, 240

Protanopia
226, 225, 241

Deuteranopia
242, 220, 241

Tritanopia
234, 223, 240

Trichromacy

Original Color
234, 223, 240

Protanomaly
229, 224, 241

Deuteranomaly
239, 221, 241

Tritanomaly
234, 223, 240

Monochromacy

Original Color
234, 223, 240

Achromatopsia
228, 228, 228

Achromatomaly
230, 226, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 223, 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(234, 223, 240) looks like.

```
.text, #text, p{
    color:rgb(234, 223, 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(234, 223, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 240) }
```

Border

The CSS property to change the border of an element to RYB 234, 223, 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(234, 223, 240) }
```

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

```
.border{ border-color:rgb(234, 223, 240) }
```

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

Here you see how a box with a 4 pixel rgb(234, 223, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 223, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 223, 240); box-shadow:4px 4px 4px 4px rgb(234, 223, 240) }
```

Background

The CSS property to change the background color of an element to RYB 234, 223, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(234, 223, 240) }
```

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

```
.background{ background-color:rgb(234,
223, 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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