Converting Colors

RYB(255, 219, 231)

Have a look what the booklet for RYB(255, 219, 231) contains.

Color

RYB(255, 219, 231)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBE7
RGB	255, 219, 231
RGB Percent	100%, 86%, 91%
CMY	0.0000, 0.1412, 0.0941
CMYK	0.00, 0.14, 0.09, 0.00
HSL	340°, 100%, 93%
HSV	340°, 14%, 100%
XYZ	80.9953, 77.6926, 86.3286
YIQ	231.1320, 17.6040, 11.3640

Conversions

Conversions Part 2

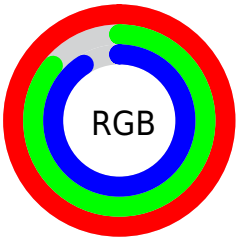
Format	Color
RYB	255, 219, 231
Decimal	16767975
CIELab	90.64, 14.38, -1.25
CIELCh	91, 14.436, 355.040
Yxy	77.6926, 0.3306, 0.3171
Android (android.graphics.Color)	4294958055 (0xFFFFDBE7)
YUV	231.1320, -0.0651, 20.9322
Hunter-Lab	88.1434, 9.7735, 3.6311

Details

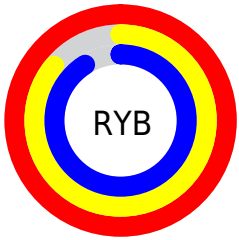
The RYB color 255, 219, 231 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 219, 241, 255, and the grayscale version is 231, 231, 231.

A 20% lighter version of the original color is 255, 255, 255, and 198, 164, 175 is the 20% darker color. If you saturate the color by 10%, you get 255, 194, 214, and if you desaturate by 10%, it is 255, 244, 248.

Distribution

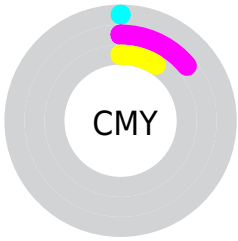


- Red (100%)
- Green (86%)
- Blue (91%)



- Red (100%)
- Yellow (86%)
- Blue (91%)

- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 219, 231 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, 219, 231 by changing the saturation by 10% instead.

255, 219, 231

255, 255, 255

255, 219, 231

226, 191, 203

198, 164, 175

171, 138, 149

144, 112, 123

118, 88, 98

93, 64, 74

69, 42, 52

46, 21, 31

28, 0, 6

255, 219, 231

255, 194, 214

255, 168, 197

255, 143, 180

255, 117, 163

255, 91, 146

255, 66, 129

255, 40, 112

255, 15, 95

255, 0, 85

255, 219, 231

255, 244, 248

255, 255, 255

Harmonies

Analogous

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

244, 221, 244

255, 219, 231

255, 219, 217

Triad

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

255, 219, 231

203, 231, 207

198, 219, 250

Complementary

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

255, 219, 231

219, 241, 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.

193, 215, 239

255, 219, 231

211, 233, 234

Square

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

255, 219, 231

227, 242, 201

198, 220, 236

211, 224, 255

Rectangle

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

255, 219, 231

255, 225, 209

198, 220, 236

195, 218, 247

Sweetspot

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

255, 219, 231

255, 245, 248

243, 219, 255

128, 121, 123

0, 0, 0

128, 128, 128

Same Dimension

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

255, 219, 231

255, 212, 226

255, 226, 219

128, 115, 119

191, 0, 64

64, 0, 21

Inverse Universe

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

255, 219, 231

255, 212, 226

219, 235, 255

128, 115, 119

191, 0, 64

64, 0, 21

Previews

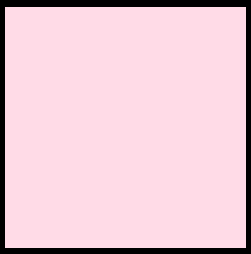
White Background

This preview shows how the RYB color 255, 219, 231 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



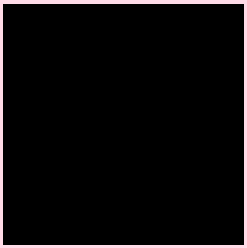
This preview shows how the RYB color 255, 219, 231 looks on a black background.

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, 219, 231 Background



This preview shows how black text looks on a background with the RYB color 255, 219, 231.

This preview shows how white text looks on a background with the RYB color 255, 219, 231.

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, 219, 231

Protanopia
230, 227, 236

Deuteranopia
249, 221, 231

Tritanopia
255, 219, 235

Trichromacy

Original Color
255, 219, 231

Protanomaly
239, 224, 234

Deuteranomaly
251, 220, 231

Tritanomaly
255, 219, 234

Monochromacy

Original Color
255, 219, 231

Achromatopsia
231, 231, 231

Achromatomaly
240, 227, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 219, 231 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, 219, 231) looks like.

```
.text, #text, p{
    color:rgb(255, 219, 231)
}
```

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, 219, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 231) }
```

Border

The CSS property to change the border of an element to RYB 255, 219, 231 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, 219, 231) }
```

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

```
.border{ border-color:rgb(255, 219, 231) }
```

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

Here you see how a box with a 4 pixel rgb(255, 219, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 219, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 219, 231); box-shadow:4px 4px 4px 4px rgb(255, 219, 231) }
```

Background

The CSS property to change the background color of an element to RYB 255, 219, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(255, 219, 231) }
```

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

```
.background{ background-color:rgb(255,
219, 231) }
```

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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