

Converting Colors

`RYB(253, 219, 230)`

Have a look what the booklet for RYB(253, 219, 230) contains.

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Color

R_YB(253, 219, 230)

Conversions

Conversions Part 1

Format	Color
Hex	FDDBE6
RGB	253, 219, 230
RGB Percent	99%, 86%, 90%
CMY	0.0078, 0.1412, 0.0980
CMYK	0.00, 0.13, 0.09, 0.01
HSL	341°, 89%, 93%
HSV	341°, 13%, 99%
XYZ	80.1225, 77.2589, 85.5525
YIQ	230.4200, 16.7330, 10.6290

Conversions

Conversions Part 2

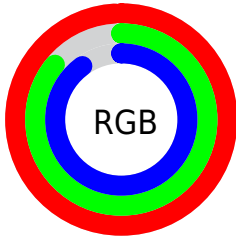
Format	Color
R _Y B	253, 219, 230
Decimal	16636902
CIE Lab	90.44, 13.53, -1.03
CIE LCh	90, 13.570, 355.628
Yxy	77.2589, 0.3298, 0.3180
Android (android.graphics.Color)	4294826982 (0xFFFDDBE6)
YUV	230.4200, -0.2071, 19.8027
Hunter-Lab	87.8970, 8.8918, 3.8194

Details

The RYB color **253, 219, 230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **219, 239, 253**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 164, 175** is the 20% darker color. If you saturate the color by 10%, you get **253, 194, 213**, and if you desaturate by 10%, it is **253, 244, 247**.

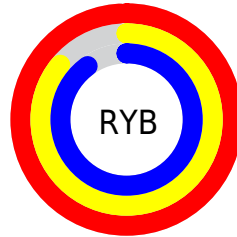
Distribution



Red (99%)

Green (86%)

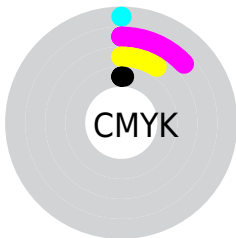
Blue (90%)



Red (99%)

Yellow (86%)

Blue (90%)

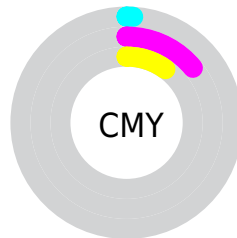


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (1%)



Cyan (1%)

Magenta (14%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RYB color 253, 219, 230 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 253, 219, 230 by changing the saturation by 10% instead.

 253, 219, 230

255, 255, 255

 253, 219, 230


 224, 191, 202

 196, 164, 175


 169, 138, 148

 142, 112, 122

 116, 88, 97

 91, 64, 74

 68, 42, 51

 45, 21, 30

 27, 0, 5

253, 219, 230

253, 219, 230

253, 194, 213

253, 244, 247

253, 168, 196

253, 254, 255

253, 143, 179

253, 118, 162

253, 92, 144

253, 67, 127

253, 42, 110

253, 17, 93

253, 0, 82

Harmonies

Analogous

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



243, 221, 242



253, 219, 230



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.



253, 219, 230



204, 230, 208



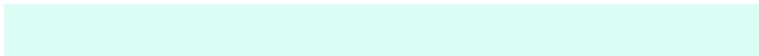
199, 219, 249

Complementary

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



253, 219, 230



219, 239, 253

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.



195, 216, 238



253, 219, 230



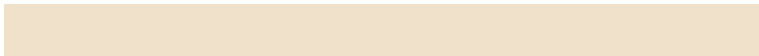
211, 232, 234

Square

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



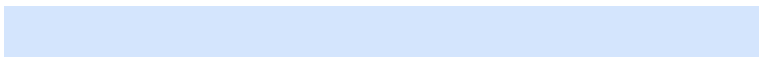
253, 219, 230



224, 240, 202



200, 220, 235



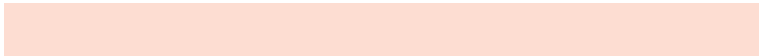
212, 224, 253

Rectangle

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



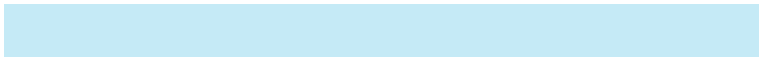
253, 219, 230



253, 225, 210



200, 220, 235



197, 218, 246

Sweetspot

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



253, 219, 230



255, 245, 248



242, 219, 253



128, 121, 123



0, 0, 0



128, 128, 128

Same Dimension

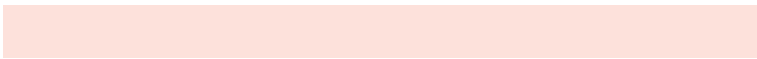
The Same Dimension uses a secret algorithm to generate beautiful new colors.



253, 219, 230



255, 214, 227



253, 226, 219



128, 115, 119



191, 0, 62



64, 0, 21

Inverse Universe

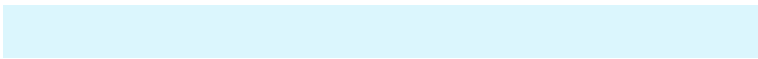
The Inverse Universe completely reimagines the original color for something new.



253, 219, 230



255, 214, 227



219, 234, 253



128, 115, 119



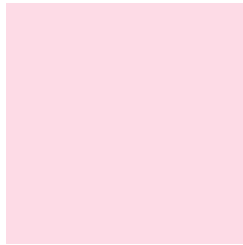
191, 0, 62



64, 0, 21

Previews

White Background



This preview shows how the RYB color 253, 219, 230 looks on a white background.

Color Contrast Check

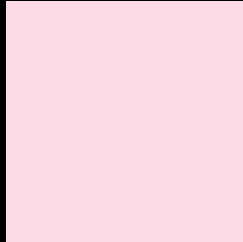
Large Text (above 18pt) WCAG AA × Fail

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 253, 219, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

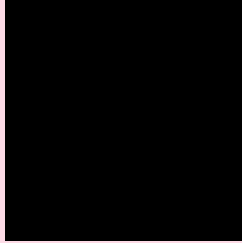
Any Text WCAG AA ✓ Pass

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 253, 219, 230 Background



This preview shows how black text looks on a background with the RYB color 253, 219, 230.



This preview shows how white text looks on a background with the RYB color 253, 219, 230.

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 253, 219, 230
	Protanopia 230, 227, 234
	Deuteranopia 249, 221, 230



Tritanopia

254, 218, 235

Trichromacy



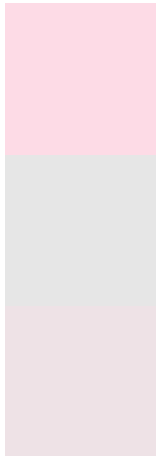
Original Color
253, 219, 230

Protanomaly
238, 224, 233

Deuteranomaly
250, 220, 230

Tritanomaly
254, 218, 233

Monochromacy



Original Color
253, 219, 230

Achromatopsia
230, 230, 230

Achromatomaly
238, 226, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 219, 230 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(253, 219, 230) looks like.

```
.text, #text, p{  
    color:rgb(253, 219, 230)  
}
```

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(253, 219, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 219, 230) }
```

Border

The CSS property to change the border of an element to RYB 253, 219, 230 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(253, 219, 230) }
```

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

```
.border{ border-color:rgb(253, 219, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 219, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 219, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 219, 230);  
box-shadow:4px 4px 4px 4px rgb(253, 219,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 253, 219, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 219, 230) }
```

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

```
.background{ background-color: rgb(253,  
219, 230) }
```

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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