

Converting Colors

`RYB(255, 220, 227)`

Have a look what the booklet for
RYB(255, 220, 227) contains.

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Color

`RYB(255, 220, 227)`

Conversions

Conversions Part 1

Format	Color
Hex	FFDCE3
RGB	255, 220, 227
RGB Percent	100%, 86%, 89%
CMY	0.0000, 0.1373, 0.1098
CMYK	0.00, 0.14, 0.11, 0.00
HSL	348°, 100%, 93%
HSV	348°, 14%, 100%
XYZ	80.6983, 77.9925, 83.4738
YIQ	231.2630, 18.6130, 9.5970

Conversions

Conversions Part 2

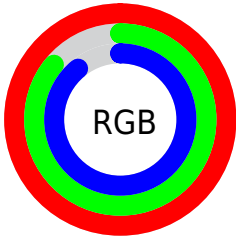
Format	Color
R_{YB}	255, 220, 227
Decimal	16768227
CIE _{Lab}	90.78, 13.21, 1.05
CIE _{LCh}	91, 13.253, 4.550
Yxy	77.9925, 0.3332, 0.3221
Android (android.graphics.Color)	4294958307 (0xFFFFDCE3)
YUV	231.2630, -2.1017, 20.8173
Hunter-Lab	88.3133, 8.5601, 5.7784

Details

The RYB color **255, 220, 227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **220, 239, 255**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 165, 172** is the 20% darker color. If you saturate the color by 10%, you get **255, 195, 207**, and if you desaturate by 10%, it is **255, 246, 247**.

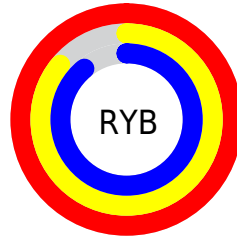
Distribution



Red (100%)

Green (86%)

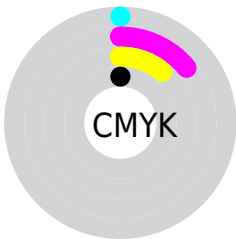
Blue (89%)



Red (100%)

Yellow (86%)

Blue (89%)

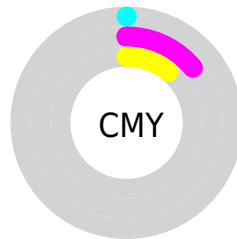


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 220, 227 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, 220, 227 by changing the saturation by 10% instead.


 255, 220, 227

255, 255, 255


 255, 220, 227

 226, 192, 199

 198, 165, 172

 171, 139, 145

 144, 113, 120

 118, 88, 95

 93, 65, 71

 69, 43, 49

 46, 22, 28

 28, 0, 1

255, 220, 227

255, 220, 227

255, 195, 207

255, 246, 247

255, 169, 186

255, 255, 255

255, 144, 166

255, 118, 145

255, 93, 125

255, 67, 105

255, 42, 84

255, 16, 64

255, 0, 51

Harmonies

Analogous

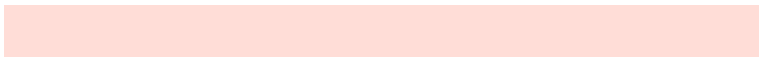
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247, 221, 240



255, 220, 227



255, 222, 215

Triad

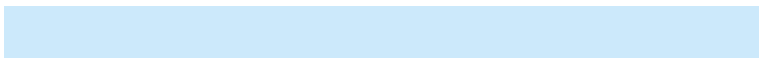
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 220, 227



208, 232, 217



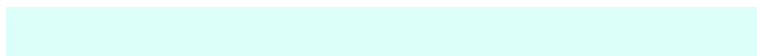
204, 222, 251

Complementary

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



255, 220, 227



220, 239, 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.



197, 218, 242



255, 220, 227



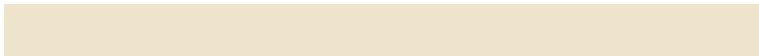
209, 229, 235

Square

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



255, 220, 227



215, 237, 203



199, 219, 236



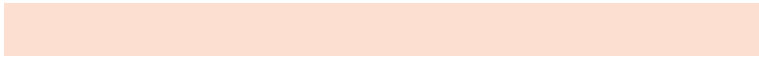
218, 226, 254

Rectangle

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



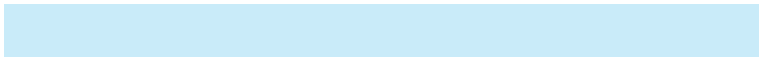
255, 220, 227



252, 231, 208



199, 219, 236



201, 221, 249

Sweetspot

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



255, 220, 227



255, 245, 247



248, 220, 255



128, 121, 122



0, 0, 0



128, 128, 128

Same Dimension

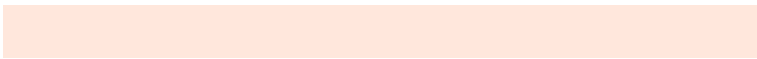
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 220, 227



255, 214, 222



255, 236, 220



128, 115, 117



191, 0, 38



64, 0, 13

Inverse Universe

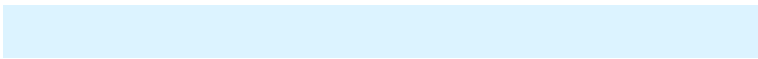
The Inverse Universe completely reimagines the original color for something new.



255, 220, 227



255, 214, 222



220, 234, 255



128, 115, 117



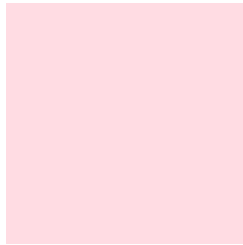
191, 0, 38



64, 0, 13

Previews

White Background



This preview shows how the RYB color 255, 220, 227 looks on a white background.

Color Contrast Check

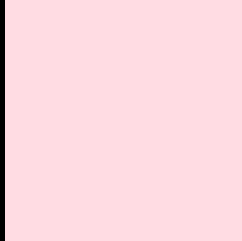
Large Text (above 18pt) WCAG AA × Fail

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, 220, 227 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, 220, 227 Background



This preview shows how black text looks on a background with the RYB color 255, 220, 227.




This preview shows how white text looks on a background with the RYB color 255, 220, 227.

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, 220, 227
	Protanopia 232, 228, 231
	Deuteranopia 251, 221, 227



Tritanopia
255, 219, 235

Trichromacy



Original Color

255, 220, 227

Protanomaly

240, 225, 230

Deuteranomaly

252, 221, 227

Tritanomaly

255, 219, 232

Monochromacy



Original Color

255, 220, 227

Achromatopsia

231, 231, 231

Achromatomaly

240, 227, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 220, 227 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, 220, 227) looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 227)  
}
```

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, 220, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 227) }
```

Border

The CSS property to change the border of an element to RYB 255, 220, 227 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, 220, 227) }
```

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

```
.border{ border-color:rgb(255, 220, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
227) }
```

Background

The CSS property to change the background color of an element to RYB 255, 220, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 227) }
```

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

```
.background{ background-color: rgb(255,  
220, 227) }
```

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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