

Converting Colors

`RYB(255, 214, 228)`

Have a look what the booklet for
RYB(255, 214, 228) contains.

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Color

R_YB(255, 214, 228)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6E4
RGB	255, 214, 228
RGB Percent	100%, 84%, 89%
CMY	0.0000, 0.1608, 0.1059
CMYK	0.00, 0.16, 0.11, 0.00
HSL	340°, 100%, 92%
HSV	340°, 16%, 100%
XYZ	79.2902, 74.9546, 83.6874
YIQ	227.8550, 19.9420, 13.0460

Conversions

Conversions Part 2

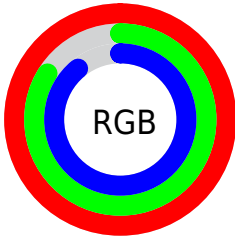
Format	Color
R_{YB}	255, 214, 228
Decimal	16766692
CIE _{Lab}	89.37, 16.50, -1.53
CIE _{LCh}	89, 16.567, 354.713
Yxy	74.9546, 0.3332, 0.3150
Android (android.graphics.Color)	4294956772 (0xFFFFD6E4)
YUV	227.8550, 0.0715, 23.8062
Hunter-Lab	86.5763, 11.9691, 3.2918

Details

The RYB color **255, 214, 228** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **214, 239, 255**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 159, 173** is the 20% darker color. If you saturate the color by 10%, you get **255, 189, 211**, and if you desaturate by 10%, it is 255, 240, 245.

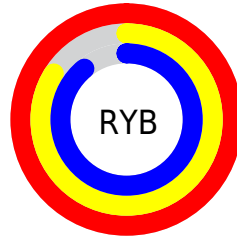
Distribution



Red (100%)

Green (84%)

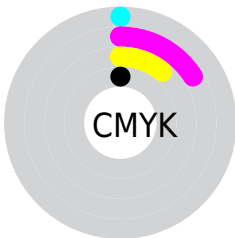
Blue (89%)



Red (100%)

Yellow (84%)

Blue (89%)

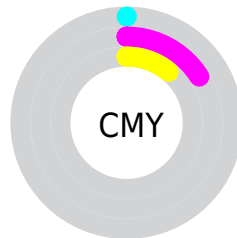


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 214, 228 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, 214, 228 by changing the saturation by 10% instead.


 255, 214, 228

255, 255, 255

 255, 214, 228


 226, 186, 200

 198, 159, 173

 170, 133, 146

 144, 108, 120

 118, 83, 96

 93, 60, 72

 69, 38, 50

 45, 17, 29

 27, 0, 2

■ 255, 214, 228

■ 255, 214, 228

■ 255, 189, 211

■ 255, 240, 245

■ 255, 163, 194

255, 255, 255

■ 255, 138, 178

■ 255, 112, 161

■ 255, 87, 144

■ 255, 61, 127

■ 255, 35, 110

■ 255, 10, 94

■ 255, 0, 87

Harmonies

Analogous

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



243, 217, 243



255, 214, 228



255, 214, 212

Triad

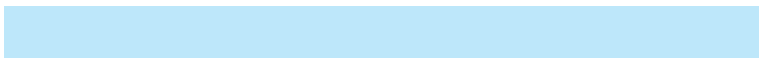
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 214, 228



196, 228, 201



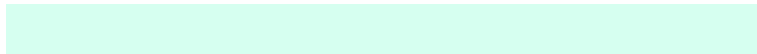
189, 214, 250

Complementary

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



255, 214, 228



214, 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.



184, 210, 237



255, 214, 228



205, 231, 232

Square

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



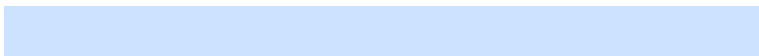
255, 214, 228



220, 240, 193



190, 216, 234



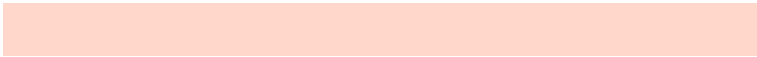
204, 220, 255

Rectangle

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



255, 214, 228



255, 220, 203



190, 216, 234



186, 212, 246

Sweetspot

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



255, 214, 228



255, 242, 247



241, 214, 255



128, 120, 122



0, 0, 0



128, 128, 128

Same Dimension

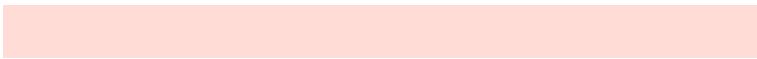
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 214, 228



255, 207, 223



255, 221, 214



128, 115, 119



191, 0, 65



64, 0, 22

Inverse Universe

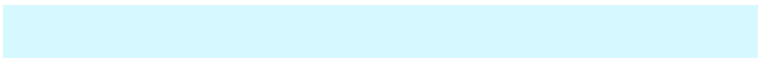
The Inverse Universe completely reimagines the original color for something new.



255, 214, 228



255, 207, 223



214, 233, 255



128, 115, 119



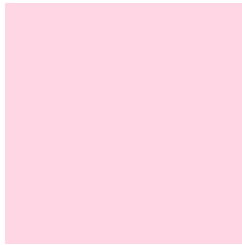
191, 0, 65



64, 0, 22

Previews

White Background



This preview shows how the RYB color 255, 214, 228 looks on a white background.

Color Contrast Check

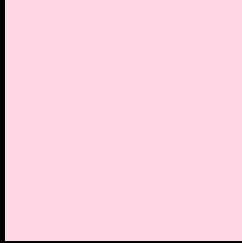
Large Text (above 18pt) WCAG AA × Fail

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, 214, 228 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, 214, 228 Background



This preview shows how black text looks on a background with the RYB color 255, 214, 228.

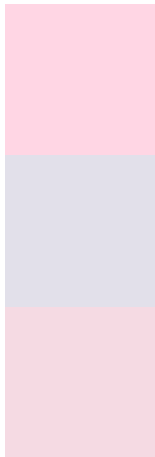


This preview shows how white text looks on a background with the RYB color 255, 214, 228.

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, 214, 228

Protanopia
226, 224, 234

Deuteranopia
245, 218, 227



Tritanopia
255, 214, 230

Trichromacy



Original Color

255, 214, 228

Protanomaly

237, 220, 232

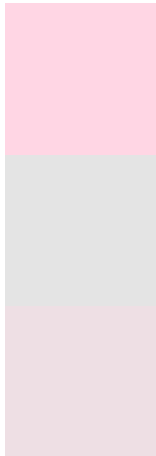
Deuteranomaly

249, 217, 227

Tritanomaly

255, 214, 229

Monochromacy



Original Color

255, 214, 228

Achromatopsia

228, 228, 228

Achromatomaly

238, 223, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 214, 228 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, 214, 228) looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 228)  
}
```

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, 214, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 228) }
```

Border

The CSS property to change the border of an element to RYB 255, 214, 228 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, 214, 228) }
```

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

```
.border{ border-color:rgb(255, 214, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
228) }
```

Background

The CSS property to change the background color of an element to RYB 255, 214, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 228) }
```

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

```
.background{ background-color: rgb(255,  
214, 228) }
```

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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