

Converting Colors

`RYB(253, 220, 217)`

Have a look what the booklet for
RYB(253, 220, 217) contains.

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Color

R_YB(253, 220, 217)

Conversions

Conversions Part 1

Format	Color
Hex	FDDCD9
RGB	253, 220, 217
RGB Percent	99%, 86%, 85%
CMY	0.0078, 0.1382, 0.1490
CMYK	0.00, 0.13, 0.14, 0.01
HSL	5°, 90%, 92%
HSV	5°, 14%, 99%
XYZ	78.5651, 76.9577, 76.3591
YIQ	229.5250, 20.6310, 6.0630

Conversions

Conversions Part 2

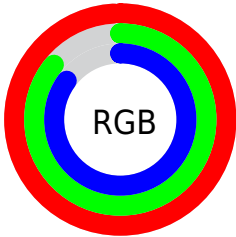
Format	Color
R _Y B	253, 220, 217
Decimal	16637145
CIE Lab	90.30, 11.05, 5.59
CIE LCh	90, 12.380, 26.838
Yxy	76.9577, 0.3388, 0.3319
Android (android.graphics.Color)	4294827225 (0xFFFD9CD9)
YUV	229.5250, -6.1748, 20.5876
Hunter-Lab	87.7256, 6.3409, 9.8000

Details

The RYB color **253, 220, 217** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **217, 234, 253**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 165, 162** is the 20% darker color. If you saturate the color by 10%, you get **253, 196, 192**, and if you desaturate by 10%, it is **253, 243, 242**.

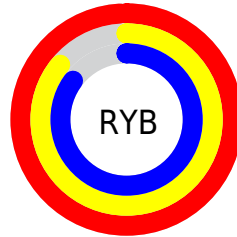
Distribution



Red (99%)

Green (86%)

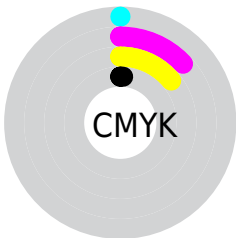
Blue (85%)



Red (99%)

Yellow (86%)

Blue (85%)

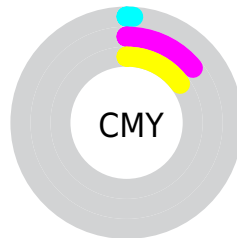


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (1%)



Cyan (1%)

Magenta (14%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RYB color 253, 220, 217 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, 220, 217 by changing the saturation by 10% instead.

 253, 220, 217


255, 255, 255

 253, 220, 217


 224, 192, 189

 196, 165, 162

 169, 138, 136

 142, 113, 111

 116, 88, 86

 91, 65, 63

 67, 43, 41

 44, 22, 21

 24, 0, 0

253, 220, 217

253, 220, 217

253, 196, 192

253, 243, 242

253, 174, 166

253, 254, 255

253, 151, 141

253, 127, 116

253, 104, 90

253, 81, 65

253, 57, 40

253, 34, 15

253, 21, 0

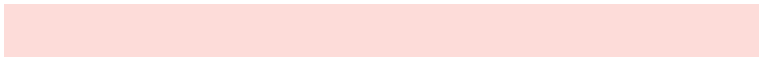
Harmonies

Analogous

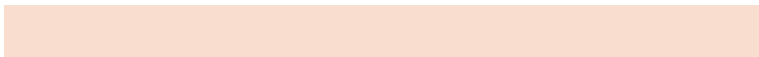
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251, 219, 229



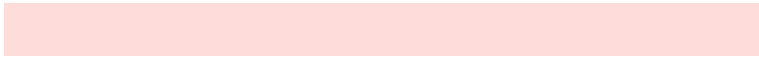
253, 220, 217



249, 229, 208

Triad

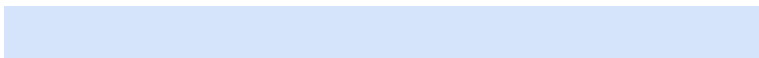
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



253, 220, 217



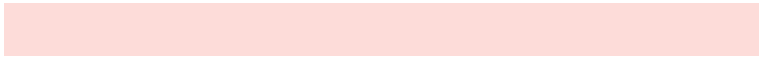
212, 231, 233



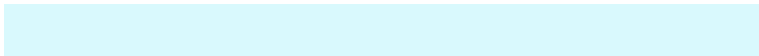
213, 224, 251

Complementary

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



253, 220, 217



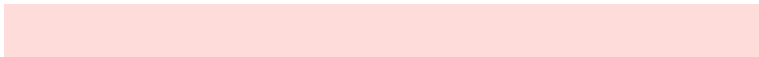
217, 234, 253

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.



202, 220, 247



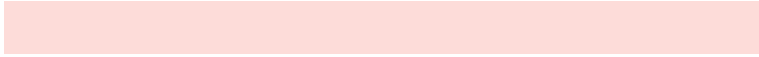
253, 220, 217



202, 221, 234

Square

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



253, 220, 217



206, 230, 211



198, 217, 237



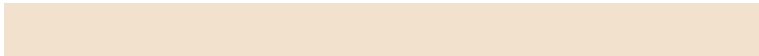
228, 225, 248

Rectangle

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



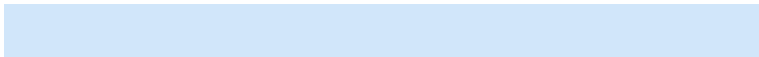
253, 220, 217



235, 242, 204



198, 217, 237



209, 223, 250

Sweetspot

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



253, 220, 217



255, 246, 245



253, 217, 251



128, 122, 121



0, 0, 0



128, 128, 128

Same Dimension

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



253, 220, 217



255, 215, 212



246, 253, 217



128, 116, 115



191, 16, 0



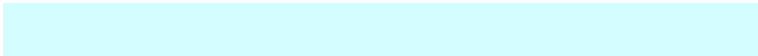
64, 5, 0

Inverse Universe

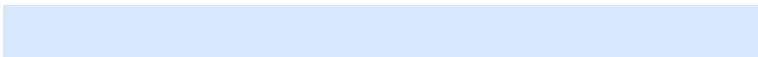
The Inverse Universe completely reimagines the original color for something new.



217, 234, 253



212, 233, 255



217, 228, 253



115, 121, 128



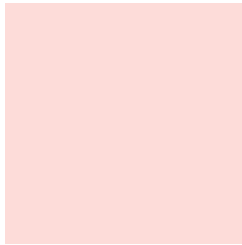
0, 92, 191



0, 31, 64

Previews

White Background



This preview shows how the RYB color 253, 220, 217 looks on a white background.

Color Contrast Check

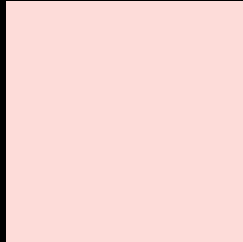
Large Text (above 18pt) WCAG AA × Fail

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, 220, 217 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

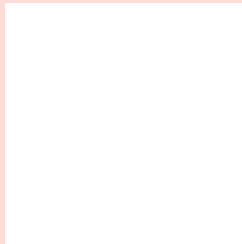
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 253, 220, 217 Background



This preview shows how black text looks on a background with the RYB color 253, 220, 217.

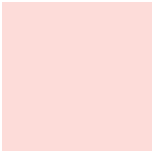
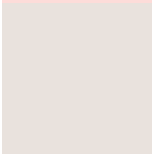
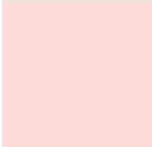


This preview shows how white text looks on a background with the RYB color 253, 220, 217.

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, 220, 217
	Protanopia 233, 230, 221
	Deuteranopia 253, 220, 217



Tritanopia
255, 217, 234

Trichromacy



Original Color

253, 220, 217

Protanomaly

240, 225, 220

Deuteranomaly

253, 220, 217

Tritanomaly

254, 218, 228

Monochromacy



Original Color

253, 220, 217

Achromatopsia

229, 229, 229

Achromatomaly

238, 226, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 220, 217 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, 220, 217) looks like.

```
.text, #text, p{  
    color:rgb(253, 220, 217)  
}
```

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, 220, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 220, 217) }
```

Border

The CSS property to change the border of an element to RYB 253, 220, 217 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, 220, 217) }
```

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

```
.border{ border-color:rgb(253, 220, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 220, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 220, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 220, 217);  
box-shadow:4px 4px 4px 4px rgb(253, 220,  
217) }
```

Background

The CSS property to change the background color of an element to RYB 253, 220, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 220, 217) }
```

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

```
.background{ background-color: rgb(253,  
220, 217) }
```

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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