

Converting Colors

`RYB(219, 255, 225)`

Have a look what the booklet for
RYB(219, 255, 225) contains.

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Color

R_YB(219, 255, 225)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFDB
RGB	249, 255, 219
RGB Percent	98%, 100%, 86%
CMY	0.0235, 0.0000, 0.1412
CMYK	0.02, 0.00, 0.14, 0.00
HSL	70°, 100%, 93%
HSV	70°, 14%, 100%
XYZ	87.6131, 96.7742, 81.0794
YIQ	249.1020, 7.9800, -12.4680

Conversions

Conversions Part 2

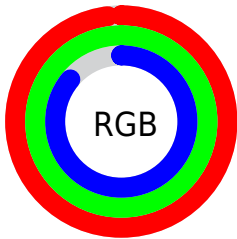
Format	Color
R _Y B	219, 255, 225
Decimal	16383963
CIE Lab	98.74, -7.96, 16.55
CIE LCh	99, 18.360, 115.678
Yxy	96.7742, 0.3300, 0.3645
Android (android.graphics.Color)	4294574043 (0xFFF9FFDB)
YUV	249.1020, -14.8403, -0.0895
Hunter-Lab	98.3739, -13.1798, 19.9951

Details

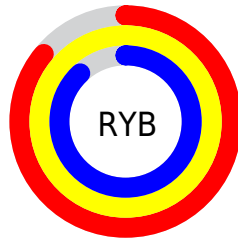
The RYB color **219, 255, 225** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **225, 219, 255**, and the grayscale version is **249, 249, 249**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 198, 170** is the 20% darker color. If you saturate the color by 10%, you get **194, 255, 204**, and if you desaturate by 10%, it is **244, 255, 246**.

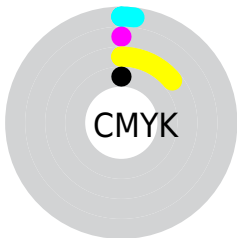
Distribution



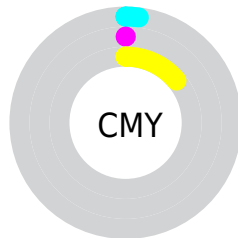
- Red (98%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (88%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 255, 225 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 219, 255, 225 by changing the saturation by 10% instead.

 219, 255, 225


255, 255, 255

 219, 255, 225

 191, 226, 197

 164, 198, 170


 138, 171, 144

 112, 145, 118

 88, 119, 94

 64, 94, 70

 42, 71, 48

 21, 48, 27

 0, 27, 4

219, 255, 225

219, 255, 225

194, 255, 204

244, 255, 246

168, 255, 183

255, 255, 255

143, 255, 162

117, 255, 140

91, 255, 118

66, 255, 98

40, 255, 76

15, 255, 55

0, 255, 43

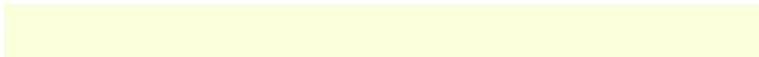
Harmonies

Analogous

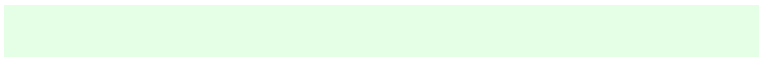
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223, 255, 216



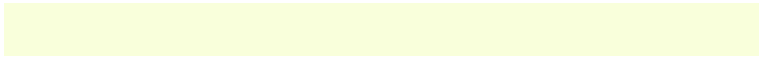
219, 255, 225



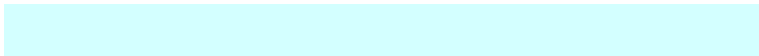
229, 253, 255

Triad

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



219, 255, 225



211, 233, 255



255, 239, 255

Complementary

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



219, 255, 225



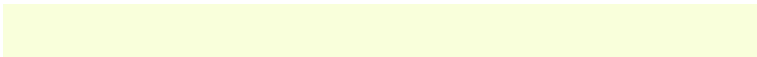
225, 219, 255

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.



255, 242, 255



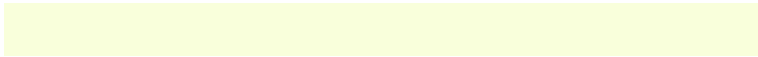
219, 255, 225



229, 242, 255

Square

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



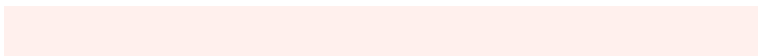
219, 255, 225



205, 230, 255



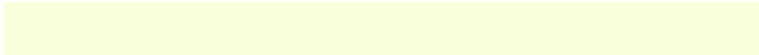
252, 248, 255



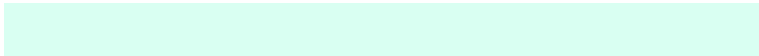
255, 241, 237

Rectangle

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



219, 255, 225



217, 240, 255



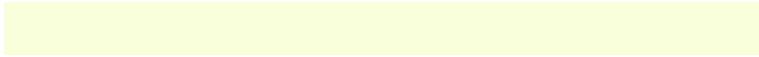
252, 248, 255



255, 240, 255

Sweetspot

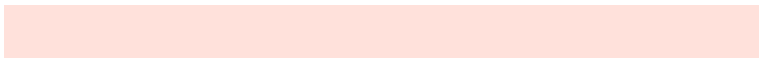
The Sweet Spot groups the original color and five complimentary colors.



219, 255, 225



245, 255, 247



255, 226, 219



121, 128, 123



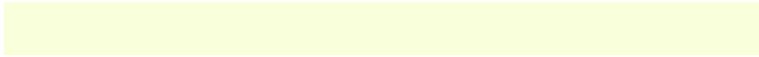
0, 0, 0



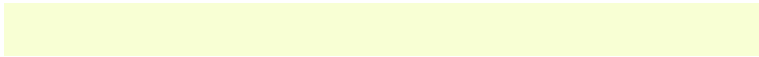
128, 128, 128

Same Dimension

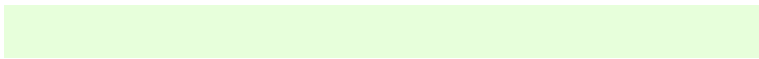
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219, 255, 225



212, 255, 219



219, 255, 243



115, 128, 118



0, 191, 32



0, 64, 11

Inverse Universe

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



225, 219, 255



219, 212, 255



243, 219, 255



117, 115, 128



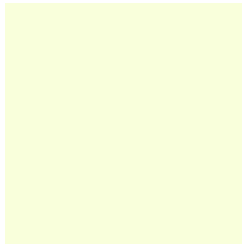
32, 0, 191



11, 0, 64

Previews

White Background



This preview shows how the RYB color 219, 255, 225 looks on a white background.

Color Contrast Check

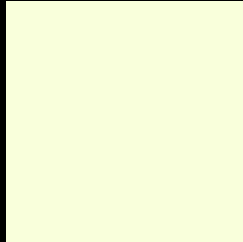
Large Text (above 18pt) WCAG AA × Fail

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 219, 255, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

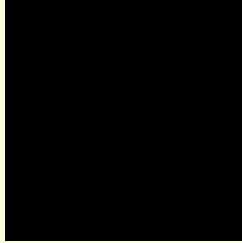
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

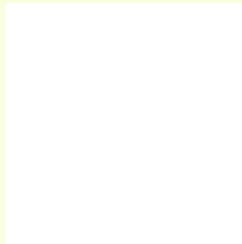
Any Text WCAG AAA ✓ Pass

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

RYB 219, 255, 225 Background



This preview shows how black text looks on a background with the RYB color 219, 255, 225.



This preview shows how white text looks on a background with the RYB color 219, 255, 225.

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
219, 255, 225



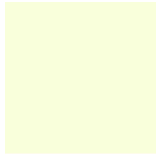
Protanopia
248, 255, 242

Deuteranopia
255, 250, 249

Tritanopia

252, 251, 255

Trichromacy



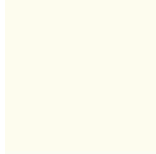
Original Color

219, 255, 225



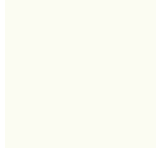
Protanomaly

235, 253, 234



Deuteranomaly

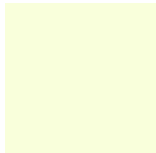
239, 253, 238



Tritanomaly

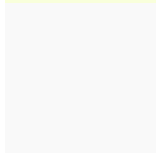
242, 252, 243

Monochromacy



Original Color

219, 255, 225



Achromatopsia

249, 249, 249



Achromatomaly

238, 251, 240

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 255, 225 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(249, 255, 219) looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 219)  
}
```

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(249, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 219) }
```

Border

The CSS property to change the border of an element to RYB 219, 255, 225 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(249, 255, 219) }
```

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

```
.border{ border-color:rgb(249, 255, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 219, 255, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 219) }
```

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

```
.background{ background-color: rgb(249,  
255, 219) }
```

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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