

Converting Colors

`RYB(208, 253, 224)`

Have a look what the booklet for
RYB(208, 253, 224) contains.

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Color

R_YB(208, 253, 224)

Conversions

Conversions Part 1

Format	Color
Hex	EDFDD0
RGB	237, 253, 208
RGB Percent	93%, 99%, 82%
CMY	0.0706, 0.0078, 0.1843
CMYK	0.06, 0.00, 0.18, 0.01
HSL	81°, 92%, 90%
HSV	81°, 18%, 99%
XYZ	81.4355, 92.8092, 73.2964
YIQ	243.0860, 4.9090, -17.3870

Conversions

Conversions Part 2

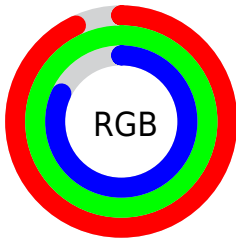
Format	Color
R _Y B	208, 253, 224
Decimal	15597008
CIE Lab	97.15, -12.82, 19.80
CIE LCh	97, 23.594, 122.924
Yxy	92.8092, 0.3290, 0.3749
Android (android.graphics.Color)	4293787088 (0xFFEDFDD0)
YUV	243.0860, -17.2974, -5.3374
Hunter-Lab	96.3375, -17.7020, 22.3267

Details

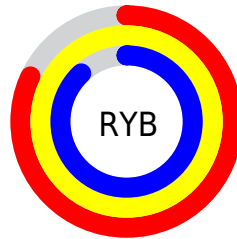
The RYB color **208, 253, 224** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **224, 208, 253**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is **255, 255, 255**, and **153, 196, 168** is the 20% darker color. If you saturate the color by 10%, you get **183, 253, 208**, and if you desaturate by 10%, it is **233, 253, 240**.

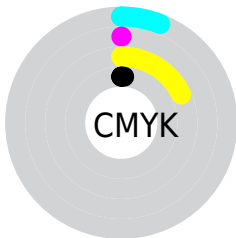
Distribution



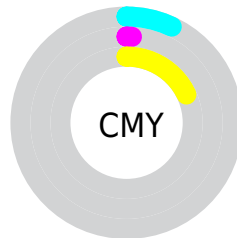
- Red (93%)
- Green (99%)
- Blue (82%)



- Red (82%)
- Yellow (99%)
- Blue (88%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)



- Cyan (7%)
- Magenta (1%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 253, 224 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 208, 253, 224 by changing the saturation by 10% instead.

208, 253, 224

255, 255, 255

208, 253, 224

180, 224, 195

153, 196, 168

127, 169, 142

102, 143, 117

78, 117, 93

55, 92, 69

33, 69, 47

11, 46, 24

0, 26, 19

■ 208, 253, 224

■ 208, 253, 224

■ 183, 253, 208

■ 233, 253, 240

■ 157, 253, 191

■ 255, 253, 255

■ 132, 253, 175

■ 107, 253, 159

■ 81, 253, 142

■ 56, 253, 126

■ 31, 253, 110

■ 6, 253, 94

■ 0, 253, 90

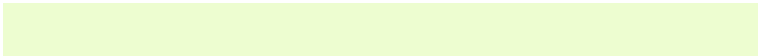
Harmonies

Analogous

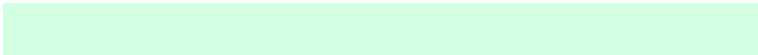
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212, 255, 201



208, 253, 224



211, 244, 255

Triad

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



208, 253, 224



198, 227, 255



255, 231, 245

Complementary

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



208, 253, 224



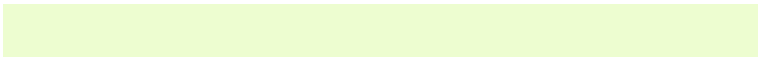
224, 208, 253

Split Complementary

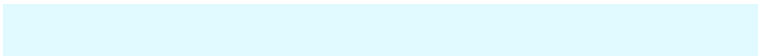
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 234, 255



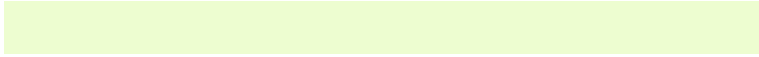
208, 253, 224



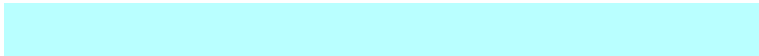
224, 238, 255

Square

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



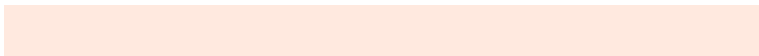
208, 253, 224



185, 220, 255



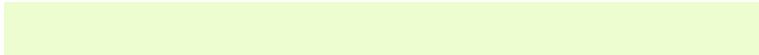
254, 240, 255



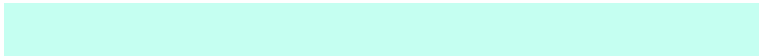
255, 238, 223

Rectangle

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



208, 253, 224



197, 230, 255



254, 240, 255



255, 231, 253

Sweetspot

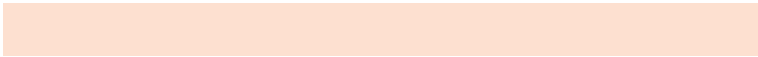
The Sweet Spot groups the original color and five complimentary colors.



208, 253, 224



242, 255, 247



253, 233, 208



120, 128, 123



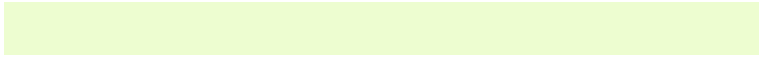
0, 0, 0



128, 128, 128

Same Dimension

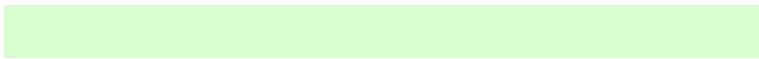
The Same Dimension uses a secret algorithm to generate beautiful new colors.



208, 253, 224



201, 255, 220



208, 253, 246



115, 128, 120



0, 191, 68



0, 64, 23

Inverse Universe

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



224, 208, 253



220, 201, 255



246, 208, 253



119, 115, 128



68, 0, 191



23, 0, 64

Previews

White Background



This preview shows how the RYB color 208, 253, 224 looks on a white background.

Color Contrast Check

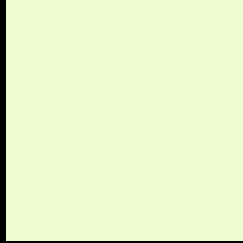
Large Text (above 18pt) WCAG AA × Fail

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 208, 253, 224 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

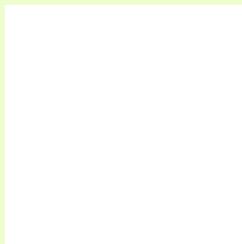
Any Text WCAG AAA ✓ Pass

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

RYB 208, 253, 224 Background



This preview shows how black text looks on a background with the RYB color 208, 253, 224.

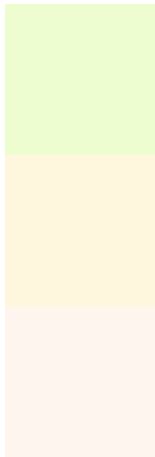


This preview shows how white text looks on a background with the RYB color 208, 253, 224.

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
[208, 253, 224](#)

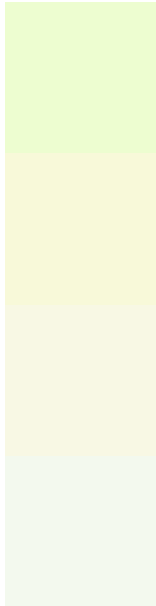
Protanopia
[234, 255, 222](#)

Deuteranopia
[255, 249, 239](#)



Tritanopia
246, 246, 255

Trichromacy



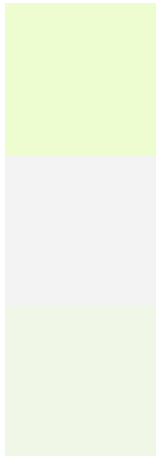
Original Color
208, 253, 224

Protanomaly
217, 249, 218

Deuteranomaly
228, 248, 228

Tritanomaly
238, 249, 244

Monochromacy



Original Color
208, 253, 224

Achromatopsia
243, 243, 243

Achromatomaly
230, 247, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 253, 224 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(237, 253, 208)` looks like.

```
.text, #text, p{  
    color:rgb(237, 253, 208)  
}
```

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(237, 253, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 253, 208) }
```

Border

The CSS property to change the border of an element to RYB 208, 253, 224 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(237, 253, 208) }
```

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

```
.border{ border-color:rgb(237, 253, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 253, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 253, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 253, 208);  
box-shadow:4px 4px 4px 4px rgb(237, 253,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 208, 253, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 253, 208) }
```

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

```
.background{ background-color: rgb(237,  
253, 208) }
```

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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