

Converting Colors

`RYB(209, 250, 230)`

Have a look what the booklet for
RYB(209, 250, 230) contains.

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Color

R_YB(209, 250, 230)

Conversions

Conversions Part 1

Format	Color
Hex	E5FAD1
RGB	229, 250, 209
RGB Percent	90%, 98%, 82%
CMY	0.1020, 0.0196, 0.1804
CMYK	0.08, 0.00, 0.16, 0.02
HSL	91°, 80%, 90%
HSV	91°, 16%, 98%
XYZ	78.0073, 89.6327, 73.5110
YIQ	239.0470, 0.6450, -17.2030

Conversions

Conversions Part 2

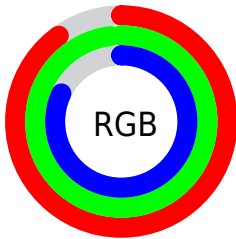
Format	Color
R_{YB}	209, 250, 230
Decimal	15071953
CIE _{Lab}	95.84, -13.95, 17.38
CIE _{LCh}	96, 22.290, 128.758
Yxy	89.6327, 0.3235, 0.3717
Android (android.graphics.Color)	4293262033 (0xFFE5FAD1)
YUV	239.0470, -14.8132, -8.8112
Hunter-Lab	94.6745, -18.6049, 20.2358

Details

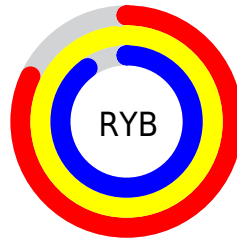
The RYB color **209, 250, 230** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **230, 209, 250**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 194, 175** is the 20% darker color. If you saturate the color by 10%, you get **184, 250, 218**, and if you desaturate by 10%, it is **234, 250, 242**.

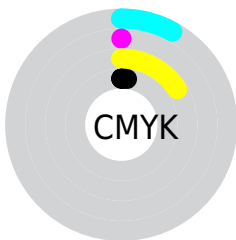
Distribution



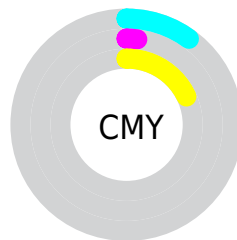
- Red (90%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (90%)



- Cyan (8%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (10%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 250, 230 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 209, 250, 230 by changing the saturation by 10% instead.

209, 250, 230

255, 255, 255

209, 250, 230

181, 221, 201

154, 194, 175

128, 166, 147

103, 140, 122

79, 114, 97

56, 90, 74

34, 66, 51

13, 44, 30

0, 25, 25

209, 250, 230

209, 250, 230

184, 250, 218

234, 250, 242

159, 250, 206

255, 250, 255

134, 250, 193

109, 250, 181

84, 250, 169

59, 250, 157

34, 250, 145

9, 250, 132

0, 250, 128

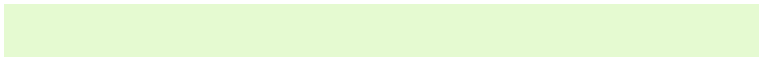
Harmonies

Analogous

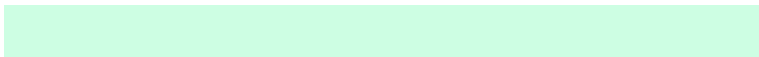
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212, 254, 200



209, 250, 230



205, 239, 254

Triad

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



209, 250, 230



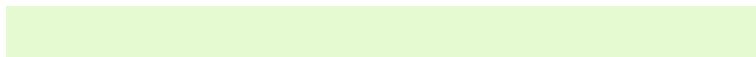
201, 227, 255



255, 228, 237

Complementary

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



209, 250, 230



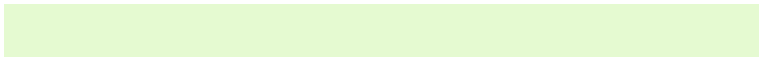
230, 209, 250

Split Complementary

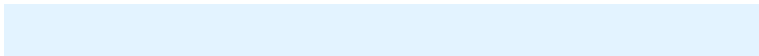
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 230, 255



209, 250, 230



227, 237, 255

Square

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



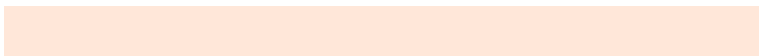
209, 250, 230



187, 221, 255



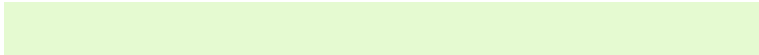
255, 235, 255



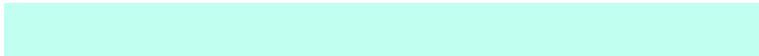
255, 239, 217

Rectangle

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



209, 250, 230



193, 228, 255



255, 235, 255



255, 228, 245

Sweetspot

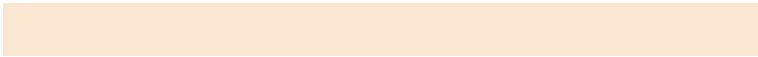
The Sweet Spot groups the original color and five complimentary colors.



209, 250, 230



242, 255, 249



248, 250, 209



120, 128, 124



0, 0, 0



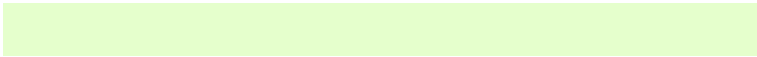
128, 128, 128

Same Dimension

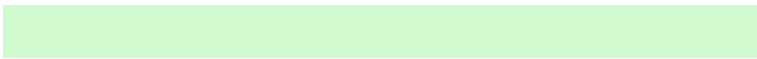
The Same Dimension uses a secret algorithm to generate beautiful new colors.



209, 250, 230



204, 255, 230



209, 250, 250



112, 125, 118



0, 189, 97



0, 61, 31

Inverse Universe

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



230, 209, 250



230, 204, 255



250, 209, 250



119, 112, 125



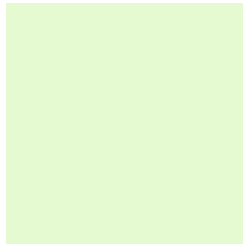
97, 0, 189



31, 0, 61

Previews

White Background



This preview shows how the RYB color 209, 250, 230 looks on a white background.

Color Contrast Check

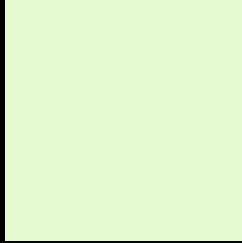
Large Text (above 18pt) WCAG AA × Fail

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 209, 250, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

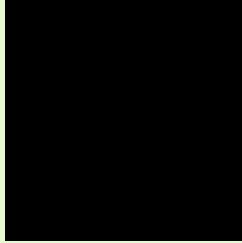
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

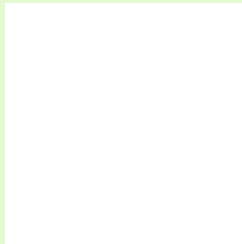
Any Text WCAG AAA ✓ Pass

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

RYB 209, 250, 230 Background



This preview shows how black text looks on a background with the RYB color 209, 250, 230.



This preview shows how white text looks on a background with the RYB color 209, 250, 230.

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 209, 250, 230
	Protanopia 225, 255, 207
	Deuteranopia 255, 243, 233



Tritanopia

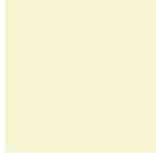
239, 242, 255

Trichromacy



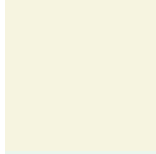
Original Color

209, 250, 230



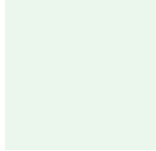
Protanomaly

209, 246, 208



Deuteranomaly

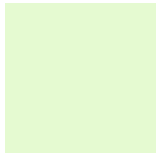
226, 246, 224



Tritanomaly

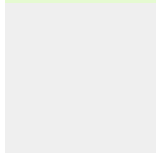
235, 244, 246

Monochromacy



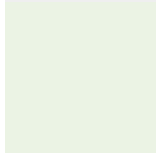
Original Color

209, 250, 230



Achromatopsia

239, 239, 239



Achromatomaly

228, 243, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 250, 230 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(229, 250, 209)` looks like.

```
.text, #text, p{  
    color:rgb(229, 250, 209)  
}
```

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(229, 250, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 250, 209) }
```

Border

The CSS property to change the border of an element to RYB 209, 250, 230 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(229, 250, 209) }
```

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

```
.border{ border-color:rgb(229, 250, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 250, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 250, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 250, 209);  
box-shadow:4px 4px 4px 4px rgb(229, 250,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 209, 250, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 250, 209) }
```

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

```
.background{ background-color: rgb(229,  
250, 209) }
```

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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