

Converting Colors

`RYB(209, 242, 235)`

Have a look what the booklet for
RYB(209, 242, 235) contains.

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Color

RYB(209, 242, 235)

Conversions

Conversions Part 1

Format	Color
Hex	D8F2D1
RGB	216, 242, 209
RGB Percent	85%, 95%, 82%
CMY	0.1529, 0.0510, 0.1804
CMYK	0.11, 0.00, 0.14, 0.05
HSL	107°, 56%, 88%
HSV	107°, 14%, 95%
XYZ	71.5797, 82.7066, 72.5129
YIQ	230.4640, -4.9030, -15.7750

Conversions

Conversions Part 2

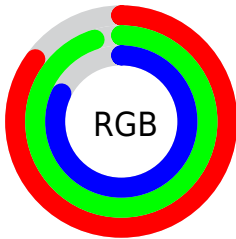
Format	Color
R _Y B	209, 242, 235
Decimal	14217937
CIE Lab	92.89, -14.43, 13.08
CIE LCh	93, 19.476, 137.814
Yxy	82.7066, 0.3156, 0.3647
Android (android.graphics.Color)	4292408017 (0xFFD8F2D1)
YUV	230.4640, -10.5818, -12.6849
Hunter-Lab	90.9432, -18.6566, 16.3858

Details

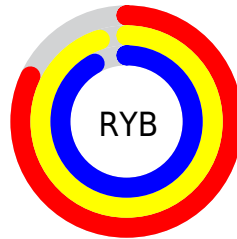
The RYB color **209, 242, 235** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **235, 209, 242**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 186, 180** is the 20% darker color. If you saturate the color by 10%, you get **185, 242, 230**, and if you desaturate by 10%, it is **233, 242, 240**.

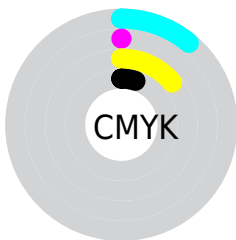
Distribution



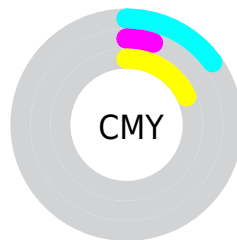
- Red (85%)
- Green (95%)
- Blue (82%)



- Red (82%)
- Yellow (95%)
- Blue (92%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 242, 235 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, 242, 235 by changing the saturation by 10% instead.

■ 209, 242, 235

255, 255, 255

■ 209, 242, 235

■ 181, 214, 207

■ 155, 186, 180

■ 129, 159, 153

■ 103, 133, 127

■ 79, 107, 101

■ 56, 83, 78

■ 35, 60, 56

■ 13, 38, 33

■ 0, 18, 18

 209, 242, 235

 209, 242, 235

 185, 242, 230

 233, 242, 240

 161, 242, 225

 254, 242, 255

 136, 242, 219

 255, 242, 255

 112, 242, 214

 88, 242, 209

 64, 242, 204

 40, 242, 199

 15, 242, 194

 0, 242, 191

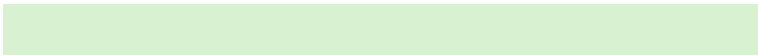
Harmonies

Analogous

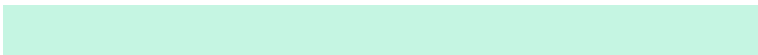
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



200, 238, 199



209, 242, 235



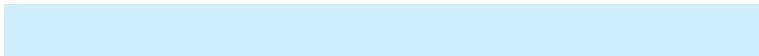
197, 227, 245

Triad

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



209, 242, 235



205, 225, 255



255, 222, 224

Complementary

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



209, 242, 235



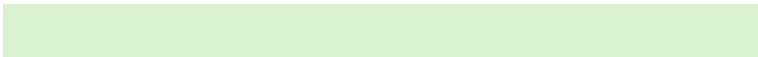
235, 209, 242

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, 222, 243



209, 242, 235



228, 231, 255

Square

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



209, 242, 235



189, 219, 255



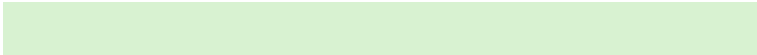
251, 226, 255



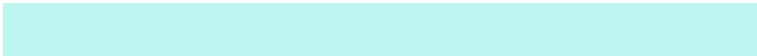
255, 235, 208

Rectangle

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



209, 242, 235



189, 219, 246



251, 226, 255



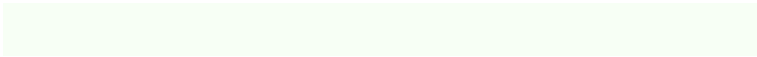
255, 222, 230

Sweetspot

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



209, 242, 235



245, 255, 253



218, 242, 209



121, 128, 127



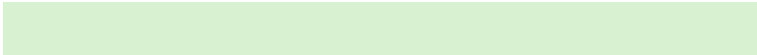
0, 0, 0



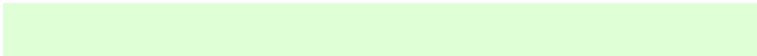
128, 128, 128

Same Dimension

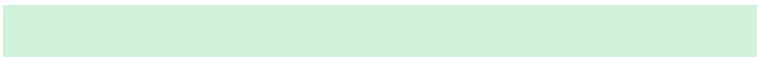
The Same Dimension uses a secret algorithm to generate beautiful new colors.



209, 242, 235



214, 255, 246



209, 235, 242



108, 120, 118



0, 184, 145



0, 56, 44

Inverse Universe

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



235, 209, 242



246, 214, 255



242, 209, 233



117, 108, 120



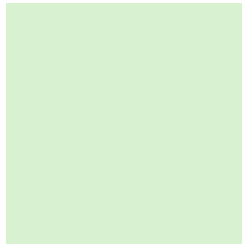
145, 0, 184



44, 0, 56

Previews

White Background



This preview shows how the RYB color 209, 242, 235 looks on a white background.

Color Contrast Check

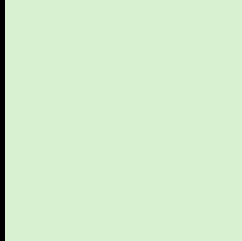
Large Text (above 18pt) WCAG AA × Fail

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, 242, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

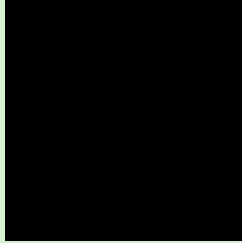
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

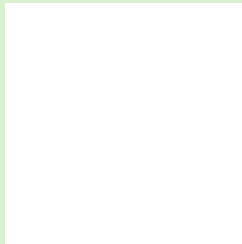
Any Text WCAG AAA ✓ Pass

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

RYB 209, 242, 235 Background



This preview shows how black text looks on a background with the RYB color 209, 242, 235.



This preview shows how white text looks on a background with the RYB color 209, 242, 235.

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](#).

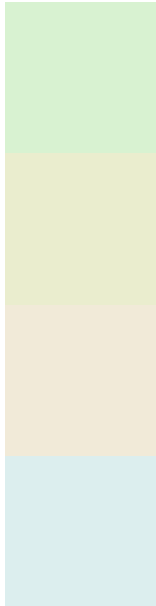
Dichromacy





Tritanopia
223, 232, 254

Trichromacy



Original Color

209, 242, 235

Protanomaly

206, 237, 209

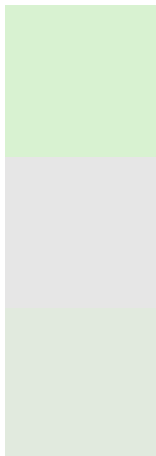
Deuteranomaly

226, 241, 216

Tritanomaly

220, 229, 238

Monochromacy



Original Color

209, 242, 235

Achromatopsia

230, 230, 230

Achromatomaly

222, 234, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 242, 235 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(216, 242, 209)` looks like.

```
.text, #text, p{  
    color:rgb(216, 242, 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(216, 242, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 242, 209) }
```

Border

The CSS property to change the border of an element to RYB 209, 242, 235 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(216, 242, 209) }
```

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

```
.border{ border-color:rgb(216, 242, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 242, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 242, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 242, 209); box-shadow:4px 4px 4px 4px rgb(216, 242, 209) }
```

Background

The CSS property to change the background color of an element to RYB 209, 242, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 242, 209) }
```

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

```
.background{ background-color: rgb(216,  
242, 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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