

Converting Colors

`RYB(209, 244, 227)`

Have a look what the booklet for
RYB(209, 244, 227) contains.

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Color

R_YB(209, 244, 227)

Conversions

Conversions Part 1

Format	Color
Hex	E2F4D1
RGB	226, 244, 209
RGB Percent	89%, 96%, 82%
CMY	0.1137, 0.0431, 0.1804
CMYK	0.07, 0.00, 0.14, 0.04
HSL	91°, 61%, 89%
HSV	91°, 14%, 96%
XYZ	75.2233, 85.4736, 72.8550
YIQ	234.6280, 0.5070, -14.7010

Conversions

Conversions Part 2

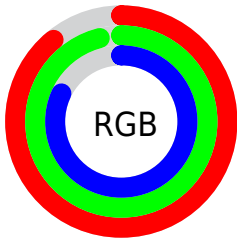
Format	Color
R_{YB}	209, 244, 227
Decimal	14873809
CIE _{Lab}	94.09, -12.02, 14.88
CIE _{LCh}	94, 19.122, 128.931
Yxy	85.4736, 0.3221, 0.3660
Android (android.graphics.Color)	4293063889 (0xFFE2F4D1)
YUV	234.6280, -12.6346, -7.5668
Hunter-Lab	92.4519, -16.5546, 17.9940

Details

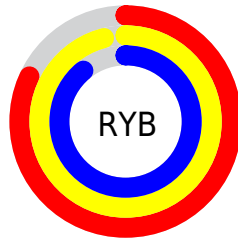
The RYB color **209, 244, 227** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **227, 209, 244**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 188, 172** is the 20% darker color. If you saturate the color by 10%, you get **185, 244, 216**, and if you desaturate by 10%, it is **233, 244, 238**.

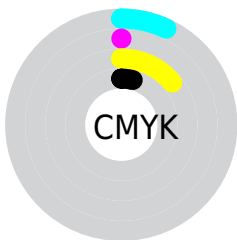
Distribution



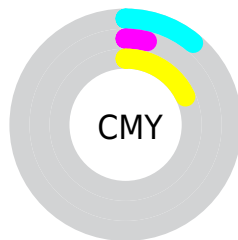
- Red (89%)
- Green (96%)
- Blue (82%)



- Red (82%)
- Yellow (96%)
- Blue (89%)



- Cyan (7%)
- Magenta (0%)
- Yellow (14%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 244, 227 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, 244, 227 by changing the saturation by 10% instead.

■ 209, 244, 227

255, 255, 255

■ 209, 244, 227

■ 181, 216, 199

■ 155, 188, 172

■ 128, 161, 145

■ 103, 135, 120

■ 79, 109, 95

■ 56, 85, 72

■ 34, 62, 49

■ 13, 40, 27

■ 0, 20, 20

 209, 244, 227

 209, 244, 227

 185, 244, 216

 233, 244, 238

 160, 244, 203

 251, 244, 255

 136, 244, 192

 255, 244, 255

 111, 244, 179

 87, 244, 168

 63, 244, 156

 38, 244, 144

 14, 244, 132

 0, 244, 125

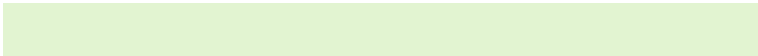
Harmonies

Analogous

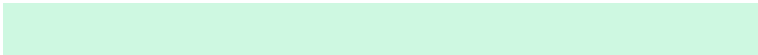
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213, 247, 202



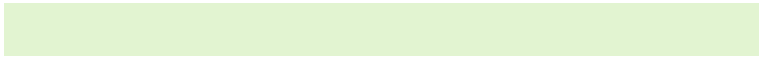
209, 244, 227



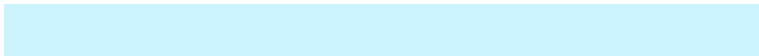
206, 235, 248

Triad

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



209, 244, 227



203, 226, 255



255, 225, 233

Complementary

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



209, 244, 227



227, 209, 244

Split Complementary

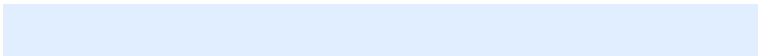
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 227, 252



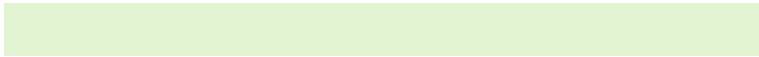
209, 244, 227



225, 234, 255

Square

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



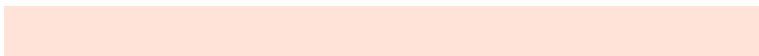
209, 244, 227



191, 221, 255



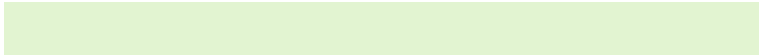
248, 232, 255



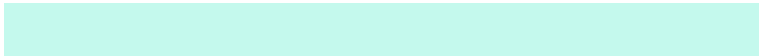
255, 231, 216

Rectangle

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



209, 244, 227



196, 226, 249



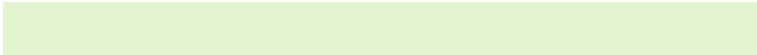
248, 232, 255



255, 225, 239

Sweetspot

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



209, 244, 227



245, 255, 250



242, 244, 209



121, 128, 125



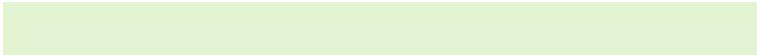
0, 0, 0



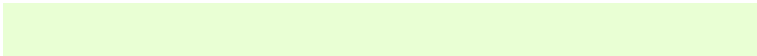
128, 128, 128

Same Dimension

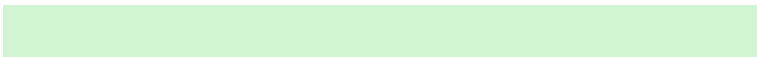
The Same Dimension uses a secret algorithm to generate beautiful new colors.



209, 244, 227



212, 255, 234



209, 244, 244



110, 122, 116



0, 186, 96



0, 59, 31

Inverse Universe

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



227, 209, 244



234, 212, 255



244, 209, 244



116, 110, 122



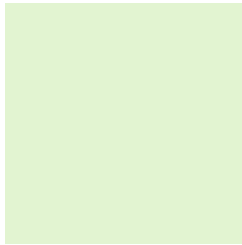
96, 0, 186



30, 0, 59

Previews

White Background



This preview shows how the RYB color 209, 244, 227 looks on a white background.

Color Contrast Check

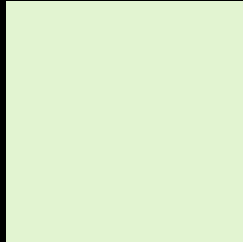
Large Text (above 18pt) WCAG AA × Fail

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, 244, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

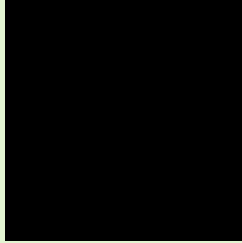
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

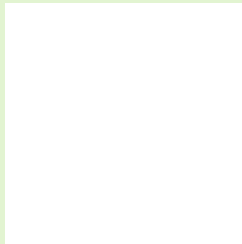
Any Text WCAG AAA ✓ Pass

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

RYB 209, 244, 227 Background



This preview shows how black text looks on a background with the RYB color 209, 244, 227.

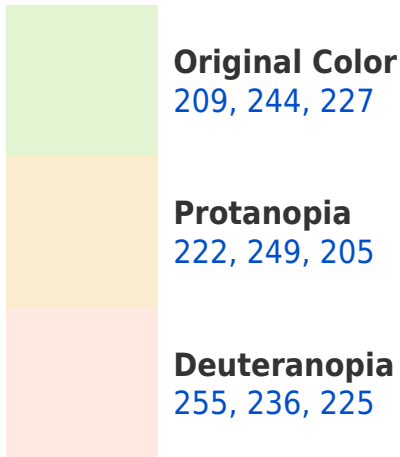


This preview shows how white text looks on a background with the RYB color 209, 244, 227.

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

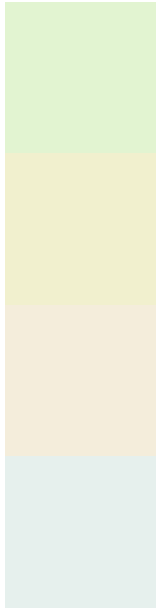




Tritanopia

233, 236, 255

Trichromacy



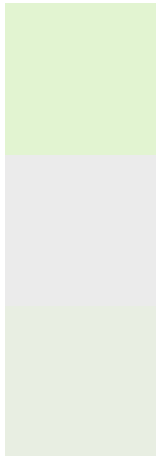
Original Color
209, 244, 227

Protanomaly
207, 241, 206

Deuteranomaly
229, 244, 219

Tritanomaly
230, 236, 240

Monochromacy



Original Color
209, 244, 227

Achromatopsia
235, 235, 235

Achromatomaly
226, 238, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 244, 227 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(226, 244, 209)` looks like.

```
.text, #text, p{  
    color:rgb(226, 244, 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(226, 244, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 244, 209) }
```

Border

The CSS property to change the border of an element to RYB 209, 244, 227 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(226, 244, 209) }
```

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

```
.border{ border-color:rgb(226, 244, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 244, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 244, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 244, 209);  
box-shadow:4px 4px 4px 4px rgb(226, 244,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 209, 244, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 244, 209) }
```

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

```
.background{ background-color: rgb(226,  
244, 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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