

Converting Colors

`RYB(208, 243, 248)`

Have a look what the booklet for
RYB(208, 243, 248) contains.

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Color

R_YB(208, 243, 248)

Conversions

Conversions Part 1

Format	Color
Hex	D0F8D6
RGB	208, 248, 214
RGB Percent	82%, 97%, 84%
CMY	0.1843, 0.0275, 0.1619
CMYK	0.16, 0.00, 0.14, 0.03
HSL	129°, 74%, 89%
HSV	129°, 16%, 97%
XYZ	71.6810, 85.3852, 76.1302
YIQ	232.1640, -12.9260, -19.0540

Conversions

Conversions Part 2

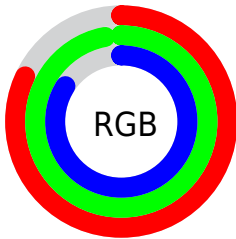
Format	Color
R_{YB}	208, 243, 248
Decimal	13695190
CIE _{Lab}	94.05, -19.23, 12.23
CIE _{LCh}	94, 22.787, 147.550
Yxy	85.3852, 0.3074, 0.3662
Android (android.graphics.Color)	4291885270 (0xFFD0F8D6)
YUV	232.1640, -8.9549, -21.1918
Hunter-Lab	92.4041, -23.2387, 15.8348

Details

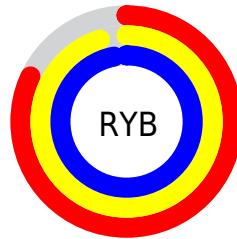
The RYB color **208, 243, 248** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **248, 208, 242**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **153, 187, 192** is the 20% darker color. If you saturate the color by 10%, you get **183, 240, 248**, and if you desaturate by 10%, it is **233, 246, 248**.

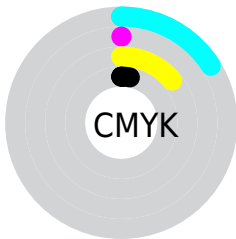
Distribution



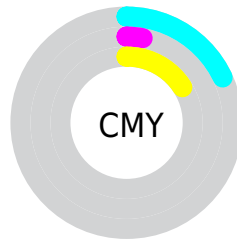
- Red (82%)
- Green (97%)
- Blue (84%)



- Red (82%)
- Yellow (95%)
- Blue (97%)



- Cyan (16%)
- Magenta (0%)
- Yellow (14%)
- Black (3%)



- Cyan (18%)
- Magenta (3%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 243, 248 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, 243, 248 by changing the saturation by 10% instead.

■ 208, 243, 248

255, 255, 255

■ 208, 243, 248

■ 180, 214, 219

■ 153, 187, 192

■ 127, 159, 164

■ 101, 132, 138

■ 77, 107, 112

■ 53, 82, 88

■ 30, 58, 64

■ 7, 34, 42

■ 0, 23, 23

 208, 243, 248

 208, 243, 248

 183, 240, 248


 233, 246, 248

 158, 237, 248

 255, 248, 255

 134, 234, 248

 109, 231, 248

 84, 228, 248

 59, 224, 248

 34, 221, 248

 10, 218, 248

 0, 217, 248

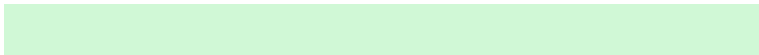
Harmonies

Analogous

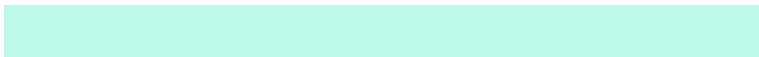
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199, 243, 209



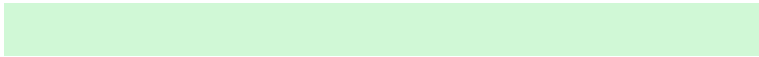
208, 243, 248



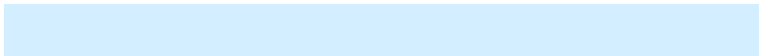
188, 224, 251

Triad

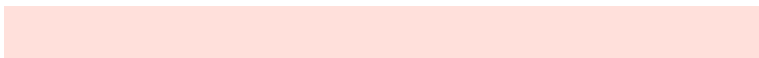
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



208, 243, 248



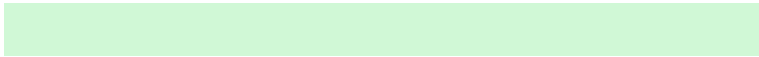
211, 228, 255



255, 225, 219

Complementary

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



208, 243, 248



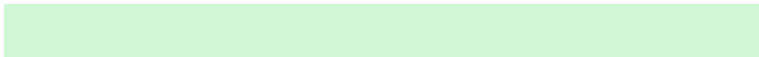
248, 208, 242

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, 223, 241



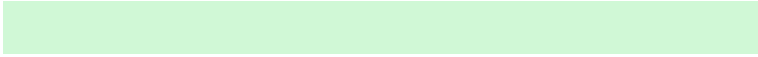
208, 243, 248



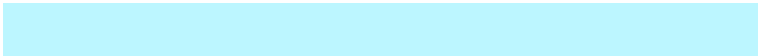
240, 233, 255

Square

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



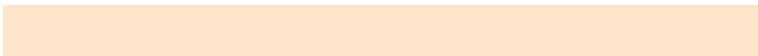
208, 243, 248



188, 219, 255



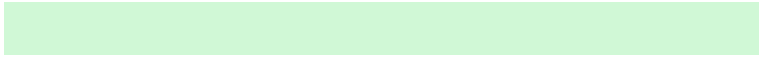
255, 226, 255



253, 255, 202

Rectangle

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



208, 243, 248



180, 216, 251



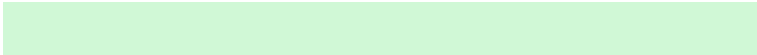
255, 226, 255



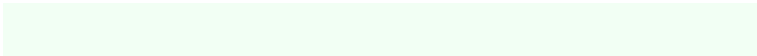
255, 223, 226

Sweetspot

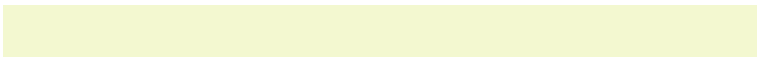
The Sweet Spot groups the original color and five complimentary colors.



208, 243, 248



242, 253, 255



208, 248, 213



120, 127, 128



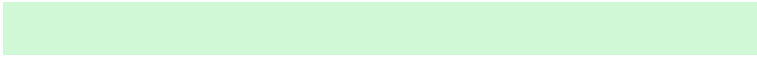
0, 0, 0



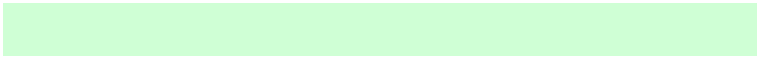
128, 128, 128

Same Dimension

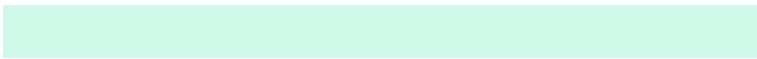
The Same Dimension uses a secret algorithm to generate beautiful new colors.



208, 243, 248



207, 250, 255



208, 233, 248



112, 123, 125



0, 165, 189



0, 53, 61

Inverse Universe

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



248, 208, 242



255, 207, 248



248, 208, 223



125, 112, 123



189, 0, 162



61, 0, 52

Previews

White Background



This preview shows how the RYB color 208, 243, 248 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, 243, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

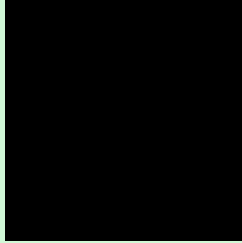
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

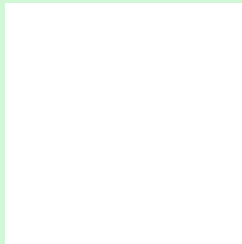
Any Text WCAG AAA ✓ Pass

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

RYB 208, 243, 248 Background



This preview shows how black text looks on a background with the RYB color 208, 243, 248.



This preview shows how white text looks on a background with the RYB color 208, 243, 248.

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





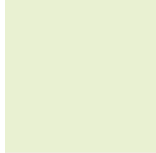
Tritanopia
222, 234, 255

Trichromacy



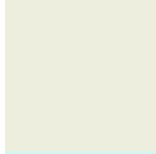
Original Color

208, 243, 248



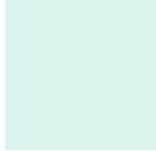
Protanomaly

210, 241, 218



Deuteranomaly

222, 238, 222



Tritanomaly

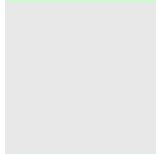
217, 231, 243

Monochromacy



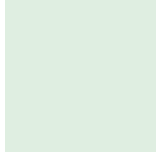
Original Color

208, 243, 248



Achromatopsia

232, 232, 232



Achromatomaly

223, 236, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 243, 248 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(208, 248, 214)` looks like.

```
.text, #text, p{  
    color:rgb(208, 248, 214)  
}
```

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(208, 248, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 248, 214) }
```

Border

The CSS property to change the border of an element to RYB 208, 243, 248 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(208, 248, 214) }
```

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

```
.border{ border-color:rgb(208, 248, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 248, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 248, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 248, 214);  
box-shadow:4px 4px 4px 4px rgb(208, 248,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 208, 243, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 248, 214) }
```

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

```
.background{ background-color: rgb(208,  
248, 214) }
```

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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