

Converting Colors

`RYB(208, 251, 246)`

Have a look what the booklet for
RYB(208, 251, 246) contains.

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Color

R_YB(208, 251, 246)

Conversions

Conversions Part 1

Format	Color
Hex	D5FBD0
RGB	213, 251, 208
RGB Percent	84%, 98%, 82%
CMY	0.1647, 0.0157, 0.1843
CMYK	0.15, 0.00, 0.17, 0.02
HSL	113°, 84%, 90%
HSV	113°, 17%, 98%
XYZ	73.3229, 87.6946, 72.7367
YIQ	234.7360, -8.8450, -21.4290

Conversions

Conversions Part 2

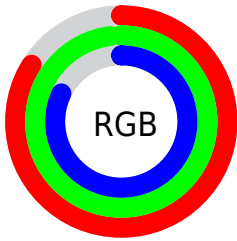
Format	Color
R_{YB}	208, 251, 246
Decimal	14023632
CIE _{Lab}	95.03, -20.02, 16.60
CIE _{LCh}	95, 26.006, 140.334
Yxy	87.6946, 0.3137, 0.3752
Android (android.graphics.Color)	4292213712 (0xFFD5FBD0)
YUV	234.7360, -13.1808, -19.0625
Hunter-Lab	93.6454, -24.1166, 19.4997

Details

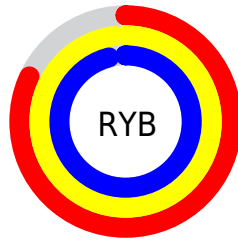
The RYB color **208, 251, 246** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **246, 208, 251**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 194, 190** is the 20% darker color. If you saturate the color by 10%, you get **183, 251, 243**, and if you desaturate by 10%, it is **233, 251, 249**.

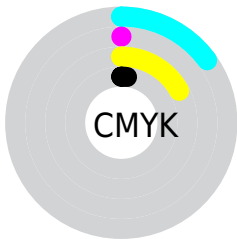
Distribution



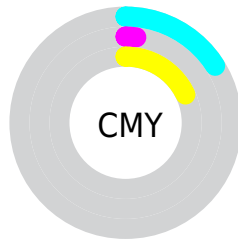
- Red (84%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (96%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)



- Cyan (16%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 251, 246 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, 251, 246 by changing the saturation by 10% instead.

■ 208, 251, 246

255, 255, 255

■ 208, 251, 246

■ 180, 222, 217

■ 154, 194, 190

■ 127, 167, 162

■ 102, 141, 137

■ 78, 115, 112

■ 55, 90, 88

■ 33, 67, 66

■ 12, 44, 44

■ 0, 26, 26

 208, 251, 246

 208, 251, 246

 183, 251, 243

 233, 251, 249

 158, 251, 240

 255, 251, 255

 133, 251, 238

 108, 251, 235

 83, 251, 232

 57, 251, 228

 32, 251, 225

 7, 251, 222

 0, 251, 222

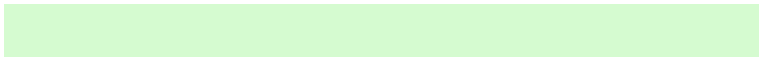
Harmonies

Analogous

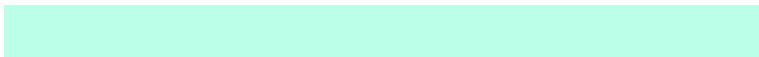
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



193, 244, 195



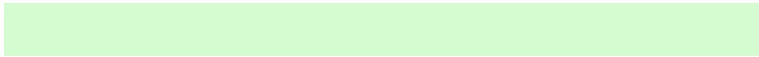
208, 251, 246



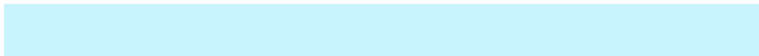
187, 228, 255

Triad

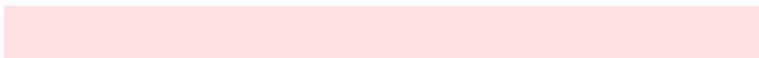
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



208, 251, 246



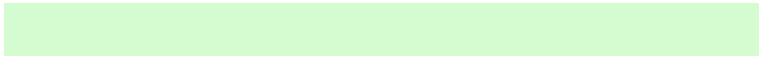
201, 225, 255



255, 224, 224

Complementary

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



208, 251, 246



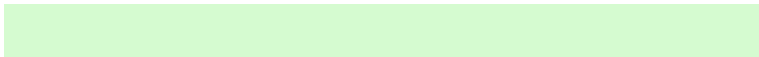
246, 208, 251

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, 224, 250



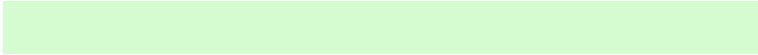
208, 251, 246



234, 237, 255

Square

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



208, 251, 246



177, 215, 255



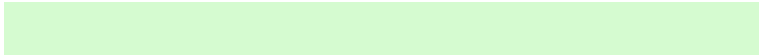
255, 229, 255



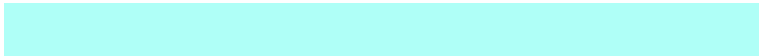
255, 251, 203

Rectangle

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



208, 251, 246



175, 217, 255



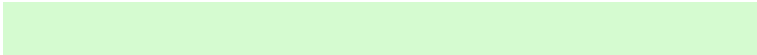
255, 229, 255



255, 223, 233

Sweetspot

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



208, 251, 246



242, 255, 253



214, 251, 208



120, 128, 127



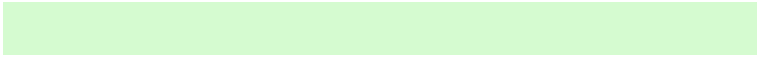
0, 0, 0



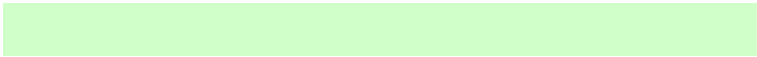
128, 128, 128

Same Dimension

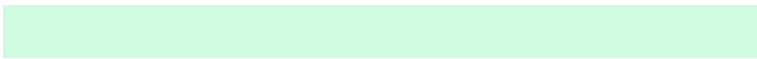
The Same Dimension uses a secret algorithm to generate beautiful new colors.



208, 251, 246



201, 255, 248



208, 239, 251



112, 125, 123



0, 189, 167



0, 61, 54

Inverse Universe

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



246, 208, 251



249, 201, 255



251, 208, 235



123, 112, 125



167, 0, 189



54, 0, 61

Previews

White Background



This preview shows how the RYB color 208, 251, 246 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, 251, 246 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

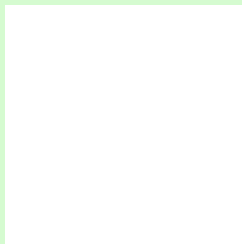
Any Text WCAG AAA ✓ Pass

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

RYB 208, 251, 246 Background



This preview shows how black text looks on a background with the RYB color 208, 251, 246.



This preview shows how white text looks on a background with the RYB color 208, 251, 246.

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

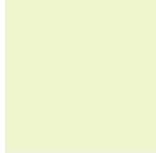
229, 238, 255

Trichromacy



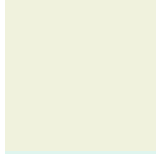
Original Color

208, 251, 246



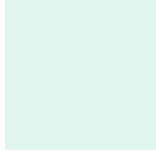
Protanomaly

204, 244, 210



Deuteranomaly

221, 242, 223



Tritanomaly

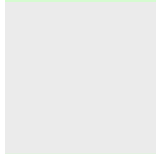
223, 236, 245

Monochromacy



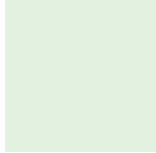
Original Color

208, 251, 246



Achromatopsia

235, 235, 235



Achromatomaly

225, 241, 239

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 251, 246 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(213, 251, 208)` looks like.

```
.text, #text, p{  
    color:rgb(213, 251, 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(213, 251, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 251, 208) }
```

Border

The CSS property to change the border of an element to RYB 208, 251, 246 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(213, 251, 208) }
```

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

```
.border{ border-color:rgb(213, 251, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 251, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 251, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 251, 208);  
box-shadow:4px 4px 4px 4px rgb(213, 251,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 208, 251, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 251, 208) }
```

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

```
.background{ background-color: rgb(213,  
251, 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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