

Converting Colors

`RYB(204, 238, 254)`

Have a look what the booklet for
RYB(204, 238, 254) contains.

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Color

R_YB(204, 238, 254)

Conversions

Conversions Part 1

Format	Color
Hex	CCFEE4
RGB	204, 254, 228
RGB Percent	80%, 100%, 89%
CMY	0.2000, 0.0039, 0.1077
CMYK	0.20, 0.00, 0.10, 0.00
HSL	148°, 96%, 90%
HSV	148°, 20%, 100%
XYZ	74.2820, 89.2963, 86.3776
YIQ	236.0860, -21.4540, -18.6860

Conversions

Conversions Part 2

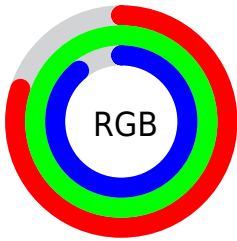
Format	Color
RYB	204, 238, 254
Decimal	13434596
CIELab	95.70, -20.92, 7.45
CIELCh	96, 22.211, 160.405
Yxy	89.2963, 0.2972, 0.3572
Android (android.graphics.Color)	4291624676 (0xFFCCFEE4)
YUV	236.0860, -3.9864, -28.1394
Hunter-Lab	94.4967, -25.0540, 11.9519

Details

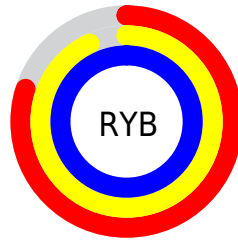
The RYB color **204, 238, 254** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **254, 204, 230**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 181, 197** is the 20% darker color. If you saturate the color by 10%, you get **179, 230, 254**, and if you desaturate by 10%, it is **229, 246, 254**.

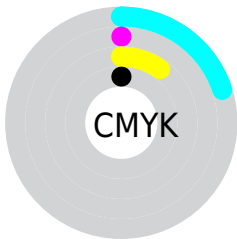
Distribution



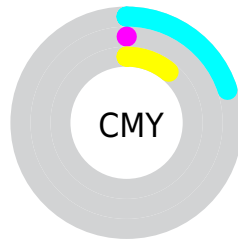
- Red (80%)
- Green (100%)
- Blue (89%)



- Red (80%)
- Yellow (93%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 238, 254 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 204, 238, 254 by changing the saturation by 10% instead.

 204, 238, 254


 204, 238, 254


255, 255, 255


 176, 209, 225

 149, 181, 197

 123, 155, 170

 97, 128, 143

 72, 102, 117

 48, 78, 93

 24, 53, 69

 0, 29, 46

 0, 25, 27

■ 204, 238, 254

■ 204, 238, 254

■ 179, 230, 254

■ 229, 246, 254

■ 153, 221, 254

■ 255, 254, 254

■ 128, 214, 254

■ 255, 254, 255

■ 102, 205, 254

■ 77, 197, 254

■ 52, 189, 254

■ 26, 181, 254

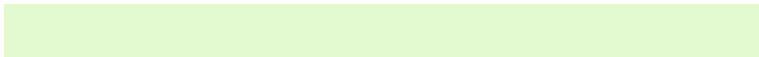
■ 1, 173, 254

■ 0, 173, 254

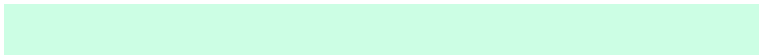
Harmonies

Analogous

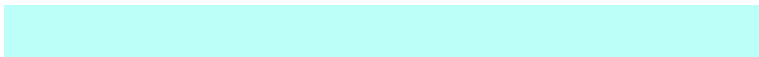
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



209, 250, 232



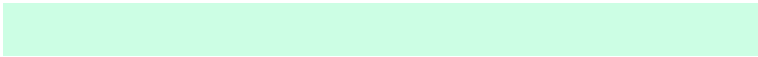
204, 238, 254



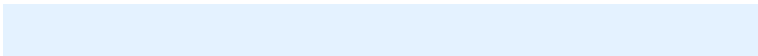
188, 223, 255

Triad

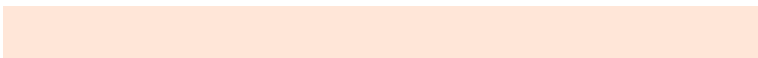
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204, 238, 254



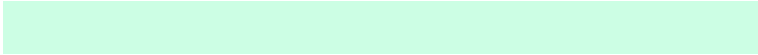
228, 237, 255



255, 238, 216

Complementary

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



204, 238, 254



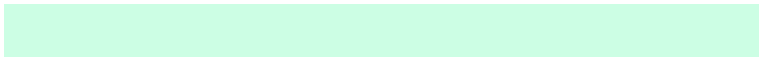
254, 204, 230

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, 228, 236



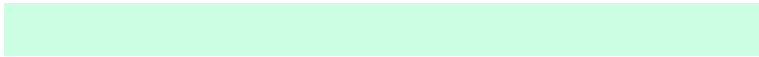
204, 238, 254



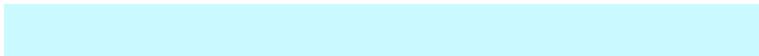
255, 235, 255

Square

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



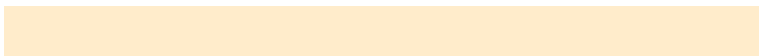
204, 238, 254



202, 227, 255



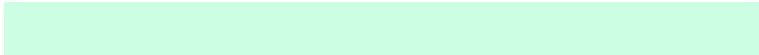
255, 229, 255



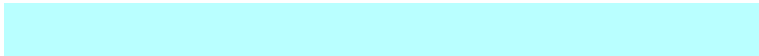
233, 255, 203

Rectangle

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



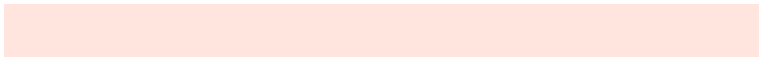
204, 238, 254



185, 220, 255



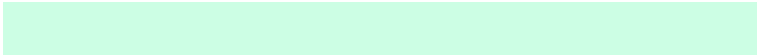
255, 229, 255



255, 231, 222

Sweetspot

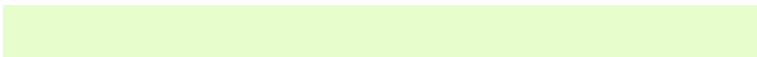
The Sweet Spot groups the original color and five complimentary colors.



204, 238, 254



240, 250, 255



204, 254, 227



119, 125, 128



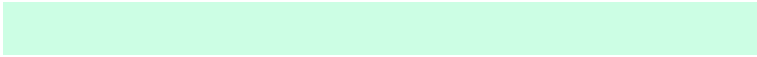
0, 0, 0



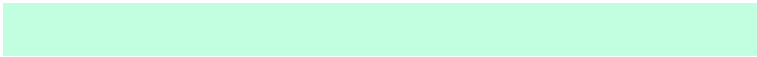
128, 128, 128

Same Dimension

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



204, 238, 254



194, 235, 255



204, 230, 254



115, 124, 128



0, 130, 191



0, 44, 64

Inverse Universe

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



254, 204, 230



255, 194, 226



254, 204, 206



128, 115, 122



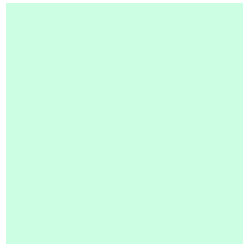
191, 0, 101



64, 0, 34

Previews

White Background



This preview shows how the RYB color 204, 238, 254 looks on a white background.

Color Contrast Check

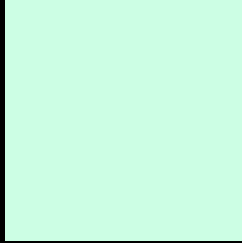
Large Text (above 18pt) WCAG AA × Fail

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 204, 238, 254 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

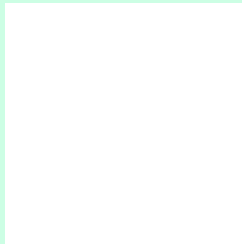
Any Text WCAG AAA ✓ Pass

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

RYB 204, 238, 254 Background



This preview shows how black text looks on a background with the RYB color 204, 238, 254.

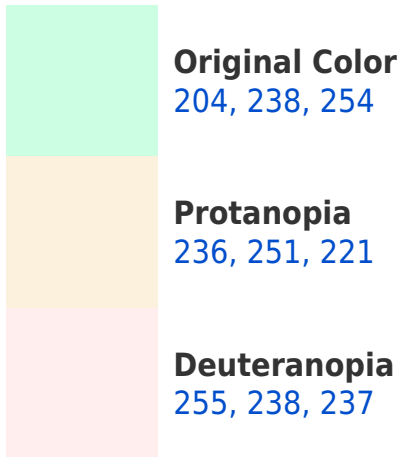


This preview shows how white text looks on a background with the RYB color 204, 238, 254.

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





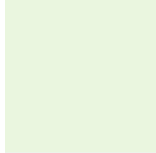
Tritanopia
228, 238, 255

Trichromacy



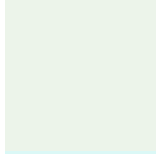
Original Color

204, 238, 254



Protanomaly

223, 246, 235



Deuteranomaly

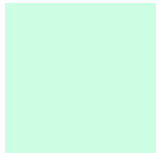
234, 244, 242



Tritanomaly

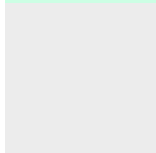
219, 234, 248

Monochromacy



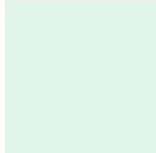
Original Color

204, 238, 254



Achromatopsia

236, 236, 236



Achromatomaly

224, 237, 243

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 238, 254 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(204, 254, 228)` looks like.

```
.text, #text, p{  
    color:rgb(204, 254, 228)  
}
```

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(204, 254, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 254, 228) }
```

Border

The CSS property to change the border of an element to RYB 204, 238, 254 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(204, 254, 228) }
```

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

```
.border{ border-color:rgb(204, 254, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 254, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 254, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 254, 228);  
box-shadow:4px 4px 4px 4px rgb(204, 254,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 204, 238, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 254, 228) }
```

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

```
.background{ background-color: rgb(204,  
254, 228) }
```

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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