

Converting Colors

`RYB(176, 224, 254)`

Have a look what the booklet for
RYB(176, 224, 254) contains.

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Color

R_YB(176, 224, 254)

Conversions

Conversions Part 1

Format	Color
Hex	B0FEE1
RGB	176, 254, 225
RGB Percent	69%, 100%, 88%
CMY	0.3098, 0.0039, 0.1186
CMYK	0.31, 0.00, 0.12, 0.00
HSL	158°, 98%, 84%
HSV	158°, 31%, 100%
XYZ	66.9028, 85.5363, 84.0395
YIQ	227.3720, -37.1790, -25.5550

Conversions

Conversions Part 2

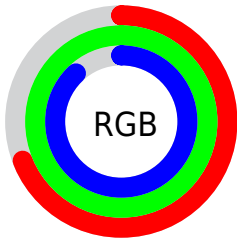
Format	Color
RYB	176, 224, 254
Decimal	11599585
CIELab	94.11, -29.85, 6.39
CIELCh	94, 30.532, 167.914
Yxy	85.5363, 0.2829, 0.3617
Android (android.graphics.Color)	4289789665 (0xFFB0FEE1)
YUV	227.3720, -1.1694, -45.0532
Hunter-Lab	92.4859, -32.7261, 10.8648

Details

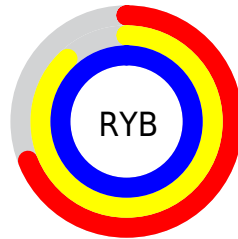
The RYB color **176, 224, 254** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **254, 176, 205**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **233, 244, 255**, and **121, 167, 197** is the 20% darker color. If you saturate the color by 10%, you get **151, 215, 254**, and if you desaturate by 10%, it is **201, 234, 254**.

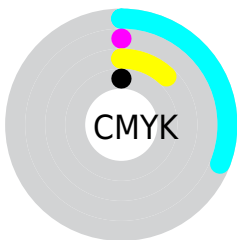
Distribution



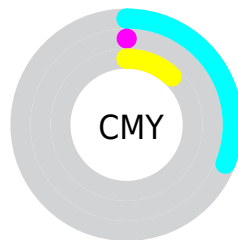
- Red (69%)
- Green (100%)
- Blue (88%)



- Red (69%)
- Yellow (88%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 224, 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 176, 224, 254 by changing the saturation by 10% instead.


 176, 224, 254


255, 255, 255


 233, 244, 255

 176, 224, 254

 148, 195, 225

 121, 167, 197

 94, 140, 170

 67, 113, 143

 39, 85, 117

 1, 53, 92

 0, 40, 68

 0, 29, 45

 0, 23, 23

■ 176, 224, 254

■ 176, 224, 254

■ 151, 215, 254

■ 201, 234, 254

■ 125, 204, 254

■ 227, 244, 254

■ 100, 195, 254

■ 252, 253, 254

■ 74, 185, 254

255, 254, 255

■ 49, 175, 254

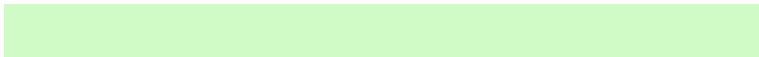
■ 24, 165, 254

■ 0, 156, 254

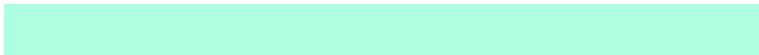
Harmonies

Analogous

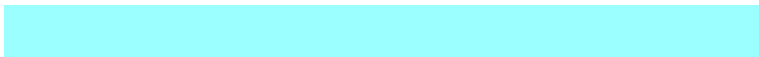
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



198, 250, 240



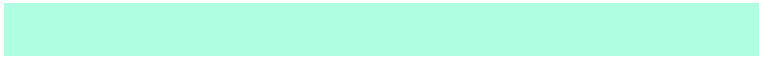
176, 224, 254



155, 205, 255

Triad

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



176, 224, 254



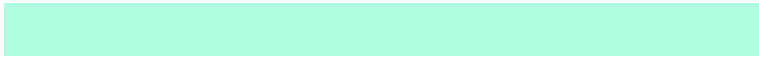
227, 233, 255



255, 246, 196

Complementary

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



176, 224, 254



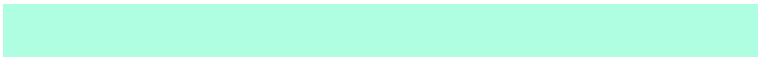
254, 176, 205

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, 217, 221



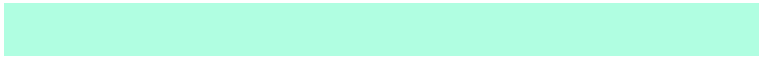
176, 224, 254



255, 225, 255

Square

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



176, 224, 254



187, 218, 255



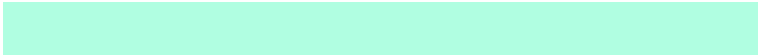
255, 218, 251



214, 255, 181

Rectangle

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



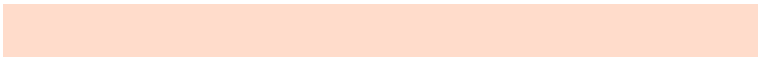
176, 224, 254



154, 204, 255



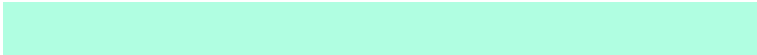
255, 218, 251



255, 228, 203

Sweetspot

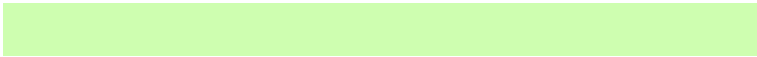
The Sweet Spot groups the original color and five complimentary colors.



176, 224, 254



232, 246, 255



176, 254, 224



113, 122, 128



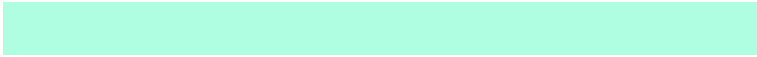
0, 0, 0



128, 128, 128

Same Dimension

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



176, 224, 254



161, 219, 255



176, 213, 254



115, 123, 128



0, 117, 191



0, 39, 64

Inverse Universe

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



254, 176, 205



255, 161, 196



254, 186, 176



128, 115, 120



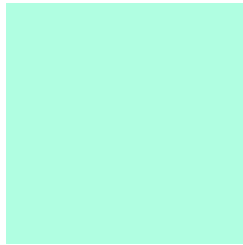
191, 0, 72



64, 0, 24

Previews

White Background



This preview shows how the RYB color 176, 224, 254 looks on a white background.

Color Contrast Check

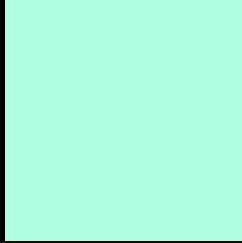
Large Text (above 18pt) WCAG AA × Fail

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 176, 224, 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 176, 224, 254 Background



This preview shows how black text looks on a background with the RYB color 176, 224, 254.

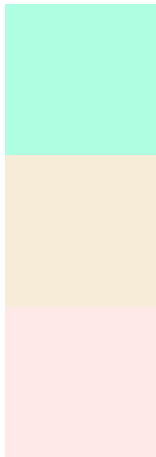


This preview shows how white text looks on a background with the RYB color 176, 224, 254.

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



Original Color
176, 224, 254

Protanopia
230, 246, 215

Deuteranopia
255, 232, 232



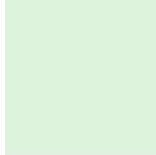
Tritanopia
210, 229, 255

Trichromacy



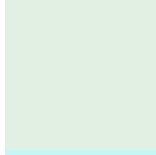
Original Color

176, 224, 254



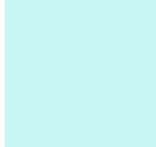
Protanomaly

219, 243, 241



Deuteranomaly

226, 238, 240



Tritanomaly

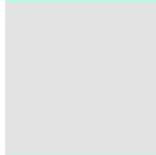
198, 223, 247

Monochromacy



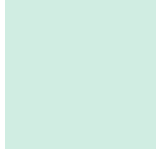
Original Color

176, 224, 254



Achromatopsia

227, 227, 227



Achromatomaly

208, 226, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 224, 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(176, 254, 225)` looks like.

```
.text, #text, p{  
    color:rgb(176, 254, 225)  
}
```

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(176, 254, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 254, 225) }
```

Border

The CSS property to change the border of an element to RYB 176, 224, 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(176, 254, 225) }
```

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

```
.border{ border-color:rgb(176, 254, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 254, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 254, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 254, 225);  
box-shadow:4px 4px 4px 4px rgb(176, 254,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 176, 224, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 254, 225) }
```

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

```
.background{ background-color: rgb(176,  
254, 225) }
```

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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