

Converting Colors

`RYB(160, 229, 245)`

Have a look what the booklet for
RYB(160, 229, 245) contains.

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Color

R_YB(160, 229, 245)

Conversions

Conversions Part 1

Format	Color
Hex	A0F5B4
RGB	160, 245, 180
RGB Percent	63%, 96%, 71%
CMY	0.3725, 0.0392, 0.2953
CMYK	0.35, 0.00, 0.27, 0.04
HSL	134°, 81%, 79%
HSV	134°, 35%, 96%
XYZ	55.3583, 76.0619, 54.7891
YIQ	212.1750, -29.7950, -38.2350

Conversions

Conversions Part 2

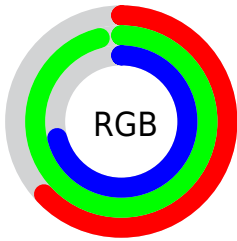
Format	Color
RYB	160, 229, 245
Decimal	10548660
CIELab	89.89, -38.85, 23.49
CIELCh	90, 45.403, 148.846
Yxy	76.0619, 0.2973, 0.4085
Android (android.graphics.Color)	4288738740 (0xFFA0F5B4)
YUV	212.1750, -15.8623, -45.7575
Hunter-Lab	87.2135, -39.3216, 23.8024

Details

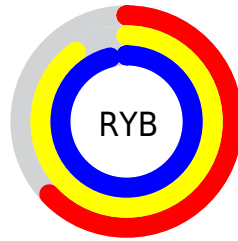
The RYB color **160, 229, 245** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **245, 160, 225**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **217, 242, 255**, and **105, 171, 188** is the 20% darker color. If you saturate the color by 10%, you get **136, 225, 245**, and if you desaturate by 10%, it is **185, 234, 245**.

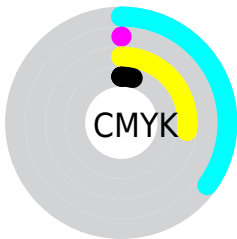
Distribution



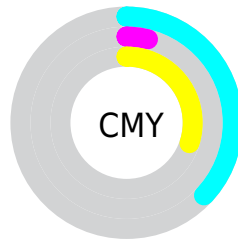
- Red (63%)
- Green (96%)
- Blue (71%)



- Red (63%)
- Yellow (90%)
- Blue (96%)



- Cyan (35%)
- Magenta (0%)
- Yellow (27%)
- Black (4%)



- Cyan (37%)
- Magenta (4%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 229, 245 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 160, 229, 245 by changing the saturation by 10% instead.


 160, 229, 245

255, 255, 255


 217, 242, 255


 246, 251, 255


 160, 229, 245

 132, 199, 216

 105, 171, 188


 78, 143, 161

 50, 114, 134

 16, 81, 108

 0, 60, 83

 0, 51, 59

 0, 39, 39

 0, 0, 0

■ 160, 229, 245

■ 160, 229, 245

■ 136, 225, 245

■ 185, 234, 245

■ 111, 220, 245

■ 209, 238, 245

■ 86, 215, 245

■ 234, 243, 245

■ 62, 211, 245

■ 255, 245, 255

■ 37, 205, 245

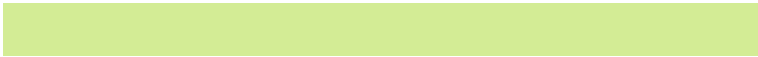
■ 13, 201, 245

■ 0, 199, 245

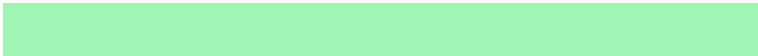
Harmonies

Analogous

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



149, 236, 174



160, 229, 245



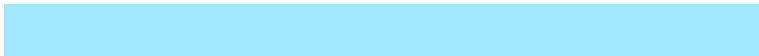
103, 183, 249

Triad

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



160, 229, 245



161, 201, 255



255, 198, 186

Complementary

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



160, 229, 245



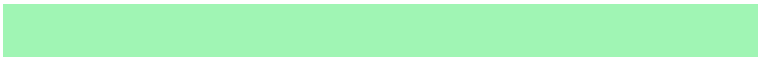
245, 160, 225

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, 193, 229



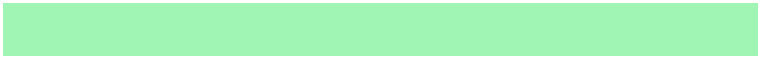
160, 229, 245



229, 215, 255

Square

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



160, 229, 245



86, 167, 255



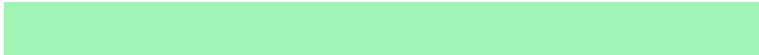
255, 201, 255



240, 255, 153

Rectangle

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



160, 229, 245



64, 157, 253



255, 201, 255



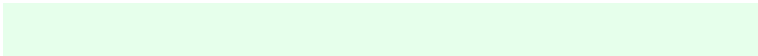
255, 193, 200

Sweetspot

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



160, 229, 245



230, 251, 255



160, 245, 178



112, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



160, 229, 245



148, 235, 255



160, 209, 245



110, 120, 122



0, 151, 186



0, 48, 59

Inverse Universe

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



245, 160, 225



255, 148, 230



245, 160, 184



122, 110, 120



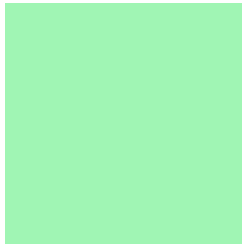
186, 0, 143



59, 0, 45

Previews

White Background



This preview shows how the RYB color 160, 229, 245 looks on a white background.

Color Contrast Check

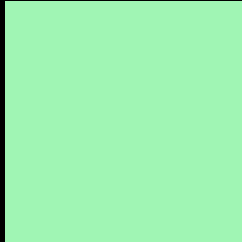
Large Text (above 18pt) WCAG AA × Fail

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 160, 229, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

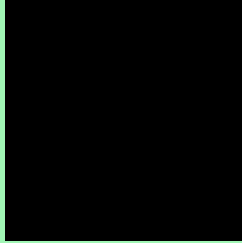
Any Text WCAG AA ✓ Pass

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 160, 229, 245 Background



This preview shows how black text looks on a background with the RYB color 160, 229, 245.

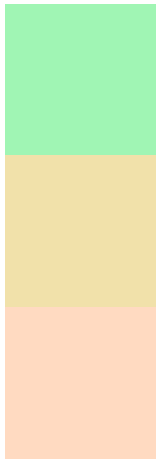


This preview shows how white text looks on a background with the RYB color 160, 229, 245.

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
160, 229, 245

Protanopia
191, 241, 170

Deuteranopia
255, 235, 193



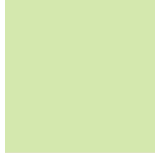
Tritanopia
175, 209, 254

Trichromacy



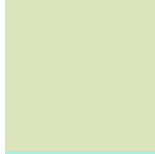
Original Color

160, 229, 245



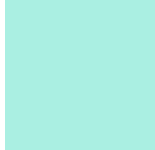
Protanomaly

174, 232, 194



Deuteranomaly

188, 228, 196



Tritanomaly

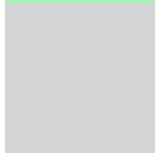
170, 208, 239

Monochromacy



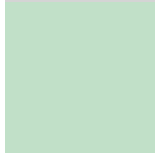
Original Color

160, 229, 245



Achromatopsia

212, 212, 212



Achromatomaly

193, 218, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 229, 245 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(160, 245, 180)` looks like.

```
.text, #text, p{  
    color:rgb(160, 245, 180)  
}
```

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(160, 245, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 245, 180) }
```

Border

The CSS property to change the border of an element to RYB 160, 229, 245 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(160, 245, 180) }
```

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

```
.border{ border-color:rgb(160, 245, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 245, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 245, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 245, 180); box-shadow:4px 4px 4px 4px rgb(160, 245, 180) }
```

Background

The CSS property to change the background color of an element to RYB 160, 229, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 245, 180) }
```

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

```
.background{ background-color: rgb(160,  
245, 180) }
```

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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