

Converting Colors

`RYB(160, 255, 254)`

Have a look what the booklet for
RYB(160, 255, 254) contains.

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Color

R_YB(160, 255, 254)

Conversions

Conversions Part 1

Format	Color
Hex	A1FFA0
RGB	161, 255, 160
RGB Percent	63%, 100%, 63%
CMY	0.3686, 0.0000, 0.3725
CMYK	0.37, 0.00, 0.37, 0.00
HSL	119°, 100%, 81%
HSV	119°, 37%, 100%
XYZ	56.8031, 81.6351, 46.0210
YIQ	216.0640, -25.5290, -49.4730

Conversions

Conversions Part 2

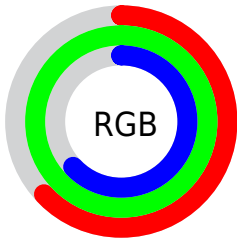
Format	Color
RYB	160, 255, 254
Decimal	10616736
CIELab	92.41, -46.14, 36.83
CIELCh	92, 59.034, 141.405
Yxy	81.6351, 0.3079, 0.4426
Android (android.graphics.Color)	4288806816 (0xFFA1FFA0)
YUV	216.0640, -27.6396, -48.2911
Hunter-Lab	90.3522, -45.8959, 33.0471

Details

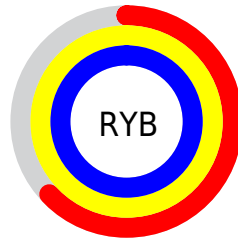
The RYB color **160, 255, 254** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **254, 160, 255**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **216, 255, 252**, and **105, 196, 198** is the 20% darker color. If you saturate the color by 10%, you get **134, 255, 253**, and if you desaturate by 10%, it is **186, 255, 255**.

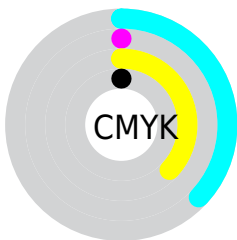
Distribution



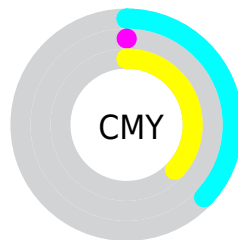
- Red (63%)
- Green (100%)
- Blue (63%)



- Red (63%)
- Yellow (100%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)



- Cyan (37%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 255, 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 160, 255, 254 by changing the saturation by 10% instead.

 160, 255, 254

255, 255, 255


 216, 255, 252


 244, 255, 251

 160, 255, 254


 133, 226, 226

 105, 196, 198

 76, 164, 170


 46, 133, 143

 1, 92, 117

 0, 86, 91

 0, 67, 67

 0, 45, 45

 0, 16, 16

■ 160, 255, 254

■ 160, 255, 254

■ 134, 255, 253

■ 186, 255, 255

■ 109, 255, 253

■ 211, 255, 255

■ 84, 255, 254

■ 237, 255, 255

■ 58, 255, 253

255, 255, 255

■ 33, 255, 253

■ 7, 255, 252

■ 0, 255, 252

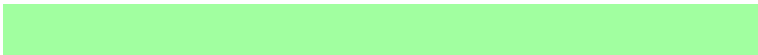
Harmonies

Analogous

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



124, 242, 139



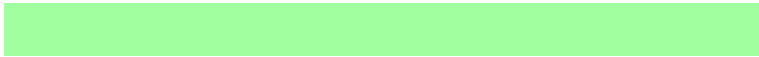
160, 255, 254



61, 169, 255

Triad

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



160, 255, 254



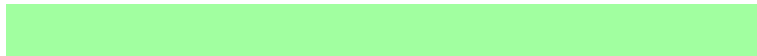
97, 173, 255



255, 189, 195

Complementary

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



160, 255, 254



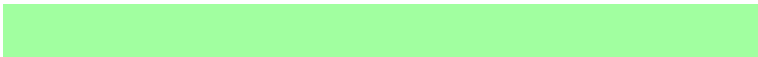
254, 160, 255

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, 188, 252



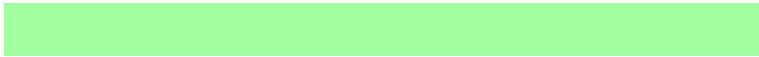
160, 255, 254



213, 222, 255

Square

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



160, 255, 254



0, 128, 255



255, 203, 255



242, 255, 146

Rectangle

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



160, 255, 254



0, 128, 255



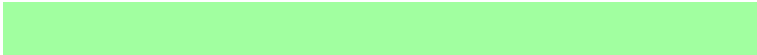
255, 203, 255



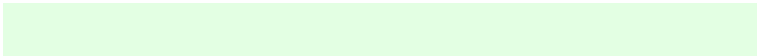
255, 187, 214

Sweetspot

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



160, 255, 254



227, 255, 255



162, 255, 160



111, 128, 128



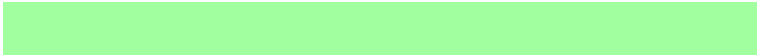
0, 0, 0



128, 128, 128

Same Dimension

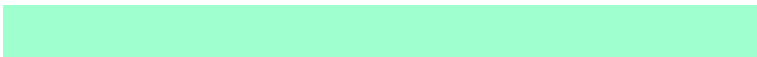
The Same Dimension uses a secret algorithm to generate beautiful new colors.



160, 255, 254



140, 255, 254



160, 224, 255



115, 128, 128



0, 191, 189



0, 64, 63

Inverse Universe

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



254, 160, 255



254, 140, 255



255, 160, 209



127, 115, 128



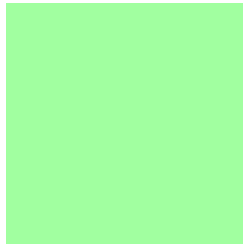
189, 0, 191



63, 0, 64

Previews

White Background



This preview shows how the RYB color 160, 255, 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 160, 255, 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 160, 255, 254 Background



This preview shows how black text looks on a background with the RYB color 160, 255, 254.

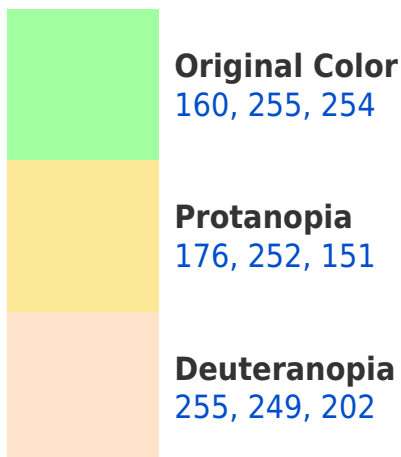


This preview shows how white text looks on a background with the RYB color 160, 255, 254.

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





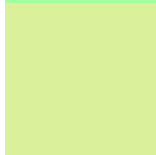
Tritanopia
195, 221, 255

Trichromacy



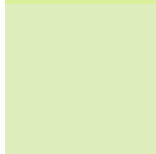
Original Color

160, 255, 254



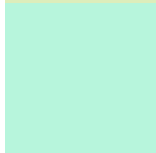
Protanomaly

154, 240, 175



Deuteranomaly

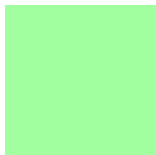
187, 237, 203



Tritanomaly

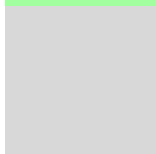
183, 222, 245

Monochromacy



Original Color

160, 255, 254



Achromatopsia

216, 216, 216



Achromatomaly

196, 230, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 255, 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(161, 255, 160)` looks like.

```
.text, #text, p{  
    color:rgb(161, 255, 160)  
}
```

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(161, 255, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 255, 160) }
```

Border

The CSS property to change the border of an element to RYB 160, 255, 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(161, 255, 160) }
```

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

```
.border{ border-color:rgb(161, 255, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 255, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 255, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 255, 160);  
box-shadow:4px 4px 4px 4px rgb(161, 255,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 160, 255, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 255, 160) }
```

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

```
.background{ background-color: rgb(161,  
255, 160) }
```

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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