

Converting Colors

`RYB(161, 209, 255)`

Have a look what the booklet for
RYB(161, 209, 255) contains.

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Color

R_YB(161, 209, 255)

Conversions

Conversions Part 1

Format	Color
Hex	A1FFFB
RGB	161, 255, 251
RGB Percent	63%, 100%, 98%
CMY	0.3686, 0.0000, 0.0154
CMYK	0.37, 0.00, 0.02, 0.00
HSL	177°, 100%, 82%
HSV	177°, 37%, 100%
XYZ	67.8837, 86.0674, 104.3705
YIQ	226.4380, -54.7400, -21.1720

Conversions

Conversions Part 2

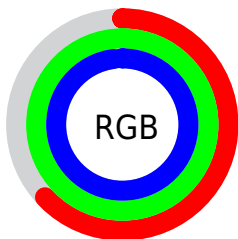
Format	Color
R _Y B	161, 209, 255
Decimal	10616827
CIE Lab	94.34, -28.67, -6.95
CIE LCh	94, 29.503, 193.634
Yxy	86.0674, 0.2628, 0.3332
Android (android.graphics.Color)	4288806907 (0xFFA1FFFB)
YUV	226.4380, 12.1091, -57.3891
Hunter-Lab	92.7725, -31.7395, -1.7614

Details

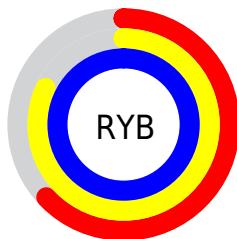
The RYB color **161, 209, 255** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **255, 161, 165**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **219, 237, 255**, and **104, 152, 198** is the 20% darker color. If you saturate the color by 10%, you get **135, 196, 255**, and if you desaturate by 10%, it is **187, 222, 255**.

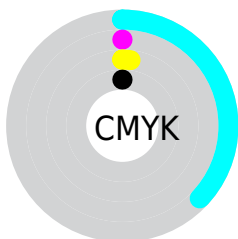
Distribution



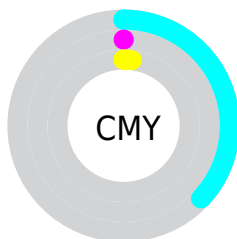
- Red (63%)
- Green (100%)
- Blue (98%)



- Red (63%)
- Yellow (82%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 209, 255 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 161, 209, 255 by changing the saturation by 10% instead.


 161, 209, 255

255, 255, 255


 219, 237, 255

 249, 252, 255

 161, 209, 255

 132, 180, 226


 104, 152, 198

 75, 123, 170


 43, 94, 144

 0, 60, 118

 0, 47, 93

 0, 35, 69

 0, 23, 46

 0, 13, 25

■ 161, 209, 255

■ 161, 209, 255

■ 135, 196, 255

■ 187, 222, 255

■ 110, 184, 255

■ 212, 234, 255

■ 84, 171, 255

■ 238, 247, 255

■ 59, 159, 255

255, 255, 255

■ 33, 146, 255

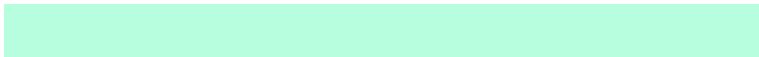
■ 8, 134, 255

■ 0, 130, 255

Harmonies

Analogous

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



183, 229, 254



161, 209, 255



160, 207, 255

Triad

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



161, 209, 255



255, 227, 255



219, 255, 185

Complementary

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



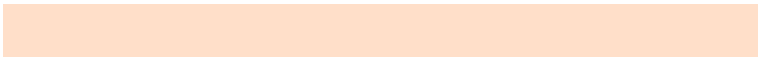
161, 209, 255



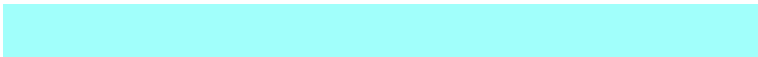
255, 161, 165

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, 238, 201



161, 209, 255



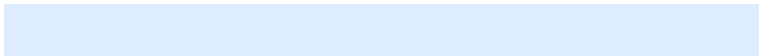
255, 220, 255

Square

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



161, 209, 255



222, 232, 255



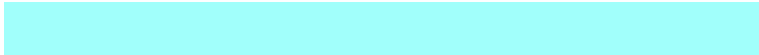
255, 218, 227



190, 247, 183

Rectangle

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



161, 209, 255



174, 213, 255



255, 218, 227



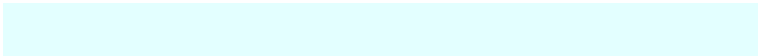
235, 255, 189

Sweetspot

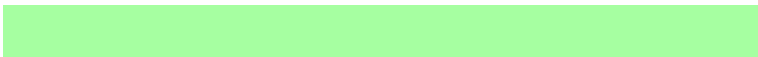
The Sweet Spot groups the original color and five complimentary colors.



161, 209, 255



227, 241, 255



161, 255, 250



111, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

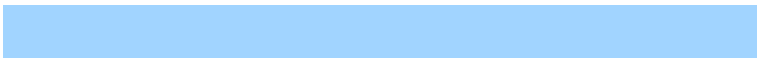
The Same Dimension uses a secret algorithm to generate beautiful new colors.



161, 209, 255



143, 200, 255



161, 194, 255



115, 122, 128



0, 98, 191



0, 33, 64

Inverse Universe

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



255, 161, 165



255, 143, 147



255, 237, 161



128, 115, 115



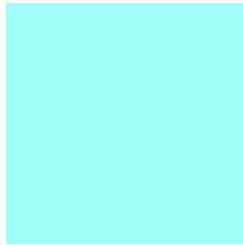
191, 0, 8



64, 0, 3

Previews

White Background



This preview shows how the RYB color 161, 209, 255 looks on a white background.

Color Contrast Check

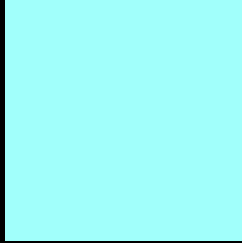
Large Text (above 18pt) WCAG AA × Fail

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 161, 209, 255 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 161, 209, 255 Background



This preview shows how black text looks on a background with the RYB color 161, 209, 255.

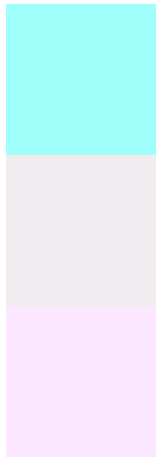


This preview shows how white text looks on a background with the RYB color 161, 209, 255.

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
161, 209, 255

Protanopia
241, 236, 240

Deuteranopia
251, 231, 255



Tritanopia
207, 228, 255

Trichromacy



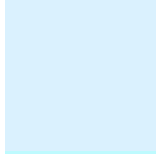
Original Color

161, 209, 255



Protanomaly

212, 228, 244



Deuteranomaly

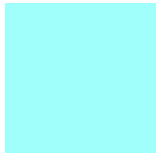
218, 232, 254



Tritanomaly

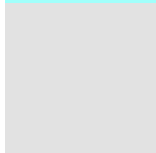
190, 221, 254

Monochromacy



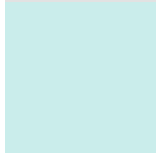
Original Color

161, 209, 255



Achromatopsia

226, 226, 226



Achromatomaly

202, 220, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 209, 255 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(161, 255, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 255, 251) }
```

Border

The CSS property to change the border of an element to RYB 161, 209, 255 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, 251) }
```

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

```
.border{ border-color:rgb(161, 255, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(161, 255,  
251) }
```

Background

The CSS property to change the background color of an element to RYB 161, 209, 255 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, 251) }
```

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

```
.background{ background-color: rgb(161,  
255, 251) }
```

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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