

Converting Colors

`RYB(157, 209, 250)`

Have a look what the booklet for
RYB(157, 209, 250) contains.

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Color

RYB(157, 209, 250)

Conversions

Conversions Part 1

Format	Color
Hex	9DFAE6
RGB	157, 250, 230
RGB Percent	62%, 98%, 90%
CMY	0.3843, 0.0196, 0.0968
CMYK	0.37, 0.00, 0.08, 0.02
HSL	167°, 90%, 80%
HSV	167°, 37%, 98%
XYZ	62.4191, 81.2709, 87.5009
YIQ	219.9130, -49.0080, -25.9360

Conversions

Conversions Part 2

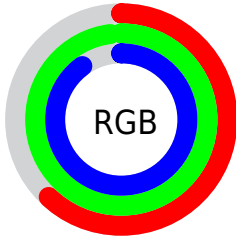
Format	Color
RYB	157, 209, 250
Decimal	10353382
CIELab	92.25, -32.00, 0.70
CIELCh	92, 32.005, 178.750
Yxy	81.2709, 0.2700, 0.3515
Android (android.graphics.Color)	4288543462 (0xFF9DFAE6)
YUV	219.9130, 4.9729, -55.1747
Hunter-Lab	90.1504, -34.1717, 5.5578

Details

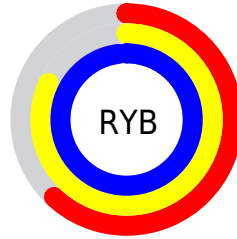
The RYB color **157, 209, 250** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **250, 157, 177**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **215, 235, 255**, and **101, 152, 193** is the 20% darker color. If you saturate the color by 10%, you get **132, 198, 250**, and if you desaturate by 10%, it is **182, 220, 250**.

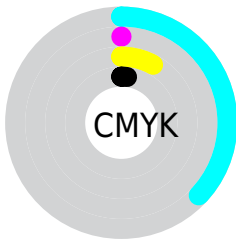
Distribution



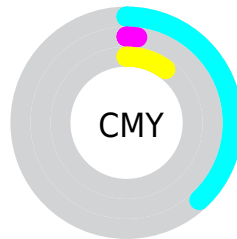
- Red (62%)
- Green (98%)
- Blue (90%)



- Red (62%)
- Yellow (82%)
- Blue (98%)



- Cyan (37%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)



- Cyan (38%)
- Magenta (2%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RYB color 157, 209, 250 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 157, 209, 250 by changing the saturation by 10% instead.


 157, 209, 250

 157, 209, 250


255, 255, 255


 129, 180, 221

 215, 235, 255

 101, 152, 193

 244, 250, 255

 72, 124, 166


 41, 94, 139

 0, 61, 113

 0, 48, 88

 0, 36, 64

 0, 25, 42

 0, 11, 15

■ 157, 209, 250

■ 157, 209, 250

■ 132, 198, 250

■ 182, 220, 250

■ 107, 187, 250

■ 207, 231, 250

■ 82, 176, 250

■ 232, 242, 250

■ 57, 165, 250

■ 255, 250, 251

■ 32, 154, 250

■ 255, 250, 255

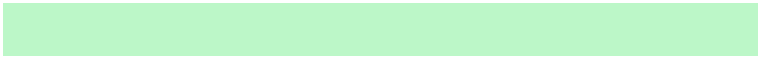
■ 7, 143, 250

■ 0, 140, 250

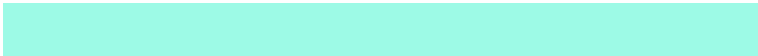
Harmonies

Analogous

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



188, 237, 247



157, 209, 250



142, 197, 255

Triad

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



157, 209, 250



236, 225, 255



247, 255, 181

Complementary

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



157, 209, 250



250, 157, 177

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, 213, 205



157, 209, 250



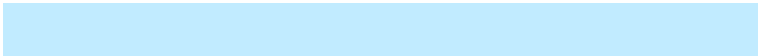
255, 216, 255

Square

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



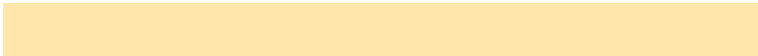
157, 209, 250



193, 218, 255



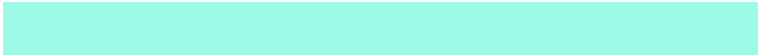
255, 211, 235



207, 255, 171

Rectangle

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



157, 209, 250



148, 199, 255



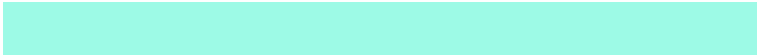
255, 211, 235



255, 239, 188

Sweetspot

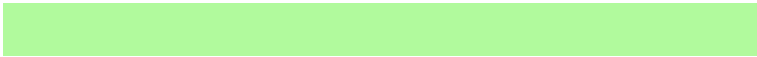
The Sweet Spot groups the original color and five complimentary colors.



157, 209, 250



227, 243, 255



157, 250, 230



111, 121, 128



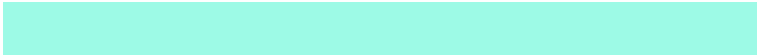
0, 0, 0



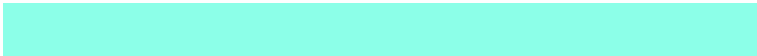
128, 128, 128

Same Dimension

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



157, 209, 250



140, 204, 255



157, 196, 250



112, 119, 125



0, 106, 189



0, 34, 61

Inverse Universe

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



250, 157, 177



255, 140, 165



250, 193, 157



125, 112, 115



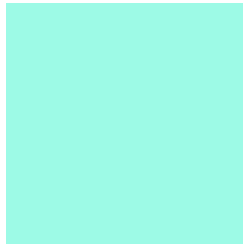
189, 0, 40



61, 0, 13

Previews

White Background



This preview shows how the RYB color 157, 209, 250 looks on a white background.

Color Contrast Check

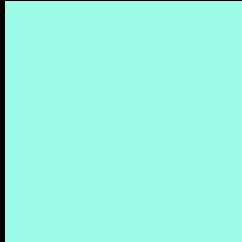
Large Text (above 18pt) WCAG AA × Fail

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 157, 209, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

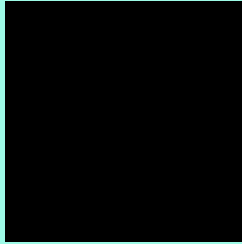
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

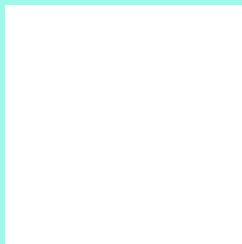
Any Text WCAG AAA ✓ Pass

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

R Y B 157, 209, 250 Background



This preview shows how black text looks on a background with the RYB color 157, 209, 250.



This preview shows how white text looks on a background with the RYB color 157, 209, 250.

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





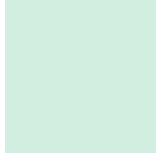
Tritanopia
189, 218, 255

Trichromacy



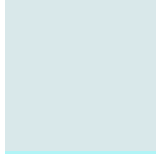
Original Color

157, 209, 250



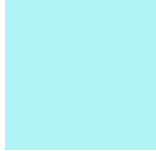
Protanomaly

209, 228, 238



Deuteranomaly

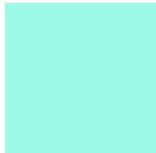
217, 225, 234



Tritanomaly

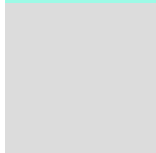
177, 211, 246

Monochromacy



Original Color

157, 209, 250



Achromatopsia

220, 220, 220



Achromatomaly

197, 216, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 209, 250 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(157, 250, 230)` looks like.

```
.text, #text, p{  
    color:rgb(157, 250, 230)  
}
```

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(157, 250, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 250, 230) }
```

Border

The CSS property to change the border of an element to RYB 157, 209, 250 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(157, 250, 230) }
```

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

```
.border{ border-color:rgb(157, 250, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 250, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 250, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 250, 230);  
box-shadow:4px 4px 4px 4px rgb(157, 250,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 157, 209, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 250, 230) }
```

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

```
.background{ background-color: rgb(157,  
250, 230) }
```

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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