

Converting Colors

`RYB(157, 205, 244)`

Have a look what the booklet for
RYB(157, 205, 244) contains.

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Color

R_YB(157, 205, 244)

Conversions

Conversions Part 1

Format	Color
Hex	9DF4E4
RGB	157, 244, 228
RGB Percent	62%, 96%, 89%
CMY	0.3843, 0.0431, 0.1071
CMYK	0.36, 0.00, 0.07, 0.04
HSL	169°, 80%, 79%
HSV	169°, 36%, 96%
XYZ	60.2155, 77.4536, 84.9479
YIQ	216.1630, -46.7160, -23.4200

Conversions

Conversions Part 2

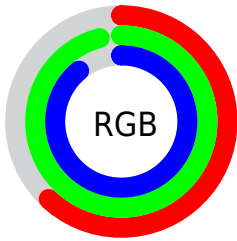
Format	Color
R _Y B	157, 205, 244
Decimal	10351844
CIE Lab	90.53, -29.75, -0.44
CIE LCh	91, 29.753, 180.857
Yxy	77.4536, 0.2705, 0.3479
Android (android.graphics.Color)	4288541924 (0xFF9DF4E4)
YUV	216.1630, 5.8356, -51.8860
Hunter-Lab	88.0077, -31.8824, 4.3768

Details

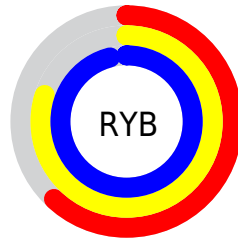
The RYB color **157, 205, 244** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **244, 157, 173**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **214, 235, 255**, and **101, 148, 187** is the 20% darker color. If you saturate the color by 10%, you get **133, 194, 244**, and if you desaturate by 10%, it is **181, 216, 244**.

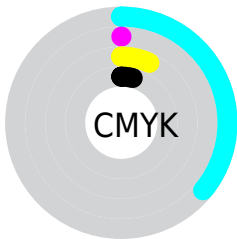
Distribution



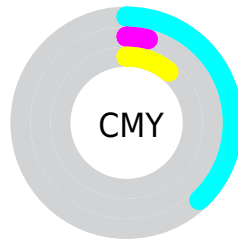
- Red (62%)
- Green (96%)
- Blue (89%)



- Red (62%)
- Yellow (80%)
- Blue (96%)



- Cyan (36%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (38%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 205, 244 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, 205, 244 by changing the saturation by 10% instead.

 157, 205, 244


255, 255, 255


 214, 235, 255

 244, 250, 255

 157, 205, 244

 129, 176, 215


 101, 148, 187

 73, 120, 160

 44, 93, 134

 0, 57, 108

 0, 44, 83


 0, 33, 60


 0, 22, 38

 0, 2, 4

 157, 205, 244


 157, 205, 244

 133, 194, 244


 181, 216, 244

 108, 183, 244


 206, 227, 244

 84, 172, 244


 230, 238, 244

 59, 161, 244


 255, 244, 246

 35, 150, 244

 255, 244, 251

 11, 140, 244

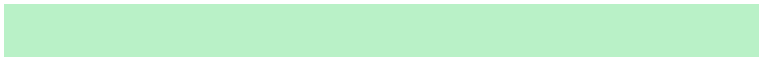
 255, 244, 255

 0, 135, 244

Harmonies

Analogous

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



185, 230, 241



157, 205, 244



145, 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, 205, 244



234, 220, 255



255, 255, 179

Complementary

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



157, 205, 244



244, 157, 173

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, 211, 200



157, 205, 244



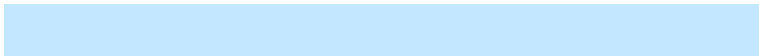
255, 212, 255

Square

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



157, 205, 244



194, 217, 255



255, 207, 228



202, 248, 171

Rectangle

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



157, 205, 244



152, 199, 255



255, 207, 228



255, 235, 185

Sweetspot

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



157, 205, 244



227, 242, 255



157, 244, 227



111, 121, 128



0, 0, 0



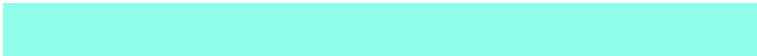
128, 128, 128

Same Dimension

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



157, 205, 244



145, 206, 255



157, 193, 244



110, 117, 122



0, 103, 186



0, 33, 59

Inverse Universe

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



244, 157, 173



255, 145, 166



244, 194, 157



122, 110, 112



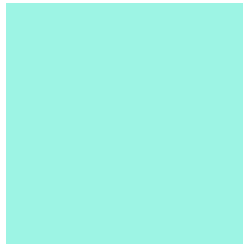
186, 0, 35



59, 0, 11

Previews

White Background



This preview shows how the RYB color 157, 205, 244 looks on a white background.

Color Contrast Check

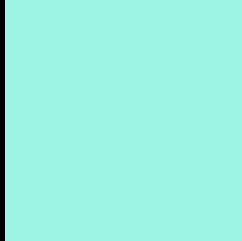
Large Text (above 18pt) WCAG AA × Fail

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, 205, 244 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

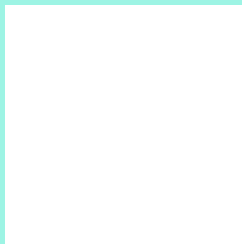
Any Text WCAG AAA ✓ Pass

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

R Y B 157, 205, 244 Background



This preview shows how black text looks on a background with the R Y B color 157, 205, 244.



This preview shows how white text looks on a background with the R Y B color 157, 205, 244.

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
174, 210, 255

Trichromacy



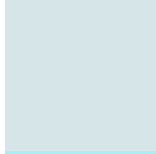
Original Color

157, 205, 244



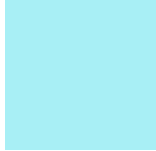
Protanomaly

205, 223, 233



Deuteranomaly

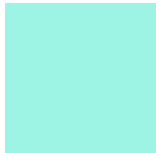
214, 222, 231



Tritanomaly

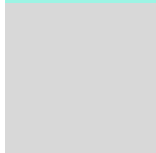
168, 205, 245

Monochromacy



Original Color

157, 205, 244



Achromatopsia

216, 216, 216



Achromatomaly

195, 212, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 205, 244 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, 244, 228)` looks like.

```
.text, #text, p{  
    color:rgb(157, 244, 228)  
}
```

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, 244, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 244, 228) }
```

Border

The CSS property to change the border of an element to RYB 157, 205, 244 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, 244, 228) }
```

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

```
.border{ border-color:rgb(157, 244, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 244, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 244, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 244, 228);  
box-shadow:4px 4px 4px 4px rgb(157, 244,  
228) }
```

Background

The CSS property to change the background color of an element to RYB 157, 205, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 244, 228) }
```

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

```
.background{ background-color: rgb(157,  
244, 228) }
```

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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