

Converting Colors

`RYB(154, 200, 226)`

Have a look what the booklet for
RYB(154, 200, 226) contains.

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Color

R_YB(154, 200, 226)

Conversions

Conversions Part 1

Format	Color
Hex	9AE2C3
RGB	154, 226, 195
RGB Percent	60%, 89%, 76%
CMY	0.3961, 0.1137, 0.2365
CMYK	0.32, 0.00, 0.14, 0.11
HSL	154°, 55%, 75%
HSV	154°, 32%, 89%
XYZ	50.3387, 65.1891, 61.3792
YIQ	200.9380, -32.9610, -24.9050

Conversions

Conversions Part 2

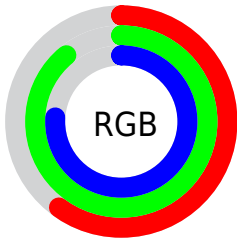
Format	Color
RYB	154, 200, 226
Decimal	10150595
CIELab	84.58, -29.00, 8.20
CIElCh	85, 30.140, 164.212
Yxy	65.1891, 0.2845, 0.3685
Android (android.graphics.Color)	4288340675 (0xFF9AE2C3)
YUV	200.9380, -2.9274, -41.1646
Hunter-Lab	80.7398, -30.0054, 11.4450

Details

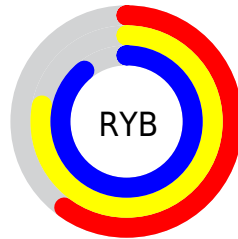
The RYB color **154, 200, 226** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **226, 154, 185**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **210, 233, 255**, and **100, 144, 170** is the 20% darker color. If you saturate the color by 10%, you get **131, 192, 226**, and if you desaturate by 10%, it is **177, 208, 226**.

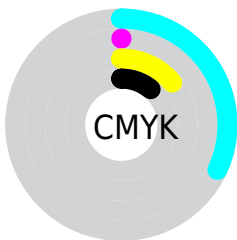
Distribution



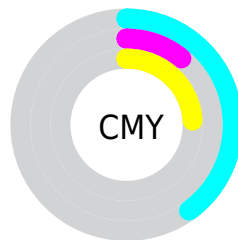
- Red (60%)
- Green (89%)
- Blue (76%)



- Red (60%)
- Yellow (78%)
- Blue (89%)



- Cyan (32%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (40%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 200, 226 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 154, 200, 226 by changing the saturation by 10% instead.


 154, 200, 226


255, 255, 255


 210, 234, 255

 239, 247, 255

 154, 200, 226

 127, 172, 198

 100, 144, 170

 74, 118, 144

 47, 91, 118

 17, 63, 93

 0, 42, 69


 0, 30, 46

 0, 25, 25

 0, 0, 0

 154, 200, 226


 154, 200, 226

 131, 192, 226


 177, 208, 226

 109, 184, 226


 199, 216, 226

 86, 175, 226


 222, 225, 226

 64, 168, 226

 244, 226, 234

 41, 159, 226

 255, 226, 244

 18, 151, 226

 255, 226, 254

 0, 144, 226

 255, 226, 255

Harmonies

Analogous

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



170, 221, 205



154, 200, 226



131, 180, 227

Triad

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



154, 200, 226



195, 206, 255



255, 203, 173

Complementary

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



154, 200, 226



226, 154, 185

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, 191, 198



154, 200, 226



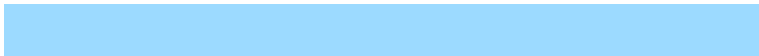
232, 199, 252

Square

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



154, 200, 226



156, 194, 255



255, 192, 227



237, 246, 157

Rectangle

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



154, 200, 226



127, 180, 242



255, 192, 227



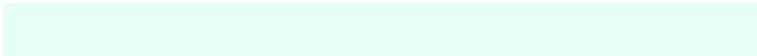
255, 196, 180

Sweetspot

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



154, 200, 226



230, 246, 255



154, 226, 194



112, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



154, 200, 226



158, 220, 255



154, 189, 226



101, 108, 112



0, 113, 176



0, 31, 48

Inverse Universe

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



226, 154, 185



255, 158, 200



226, 158, 154



112, 101, 106



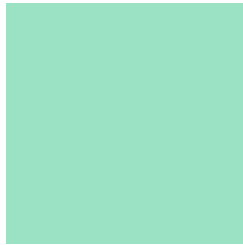
176, 0, 77



48, 0, 21

Previews

White Background



This preview shows how the RYB color 154, 200, 226 looks on a white background.

Color Contrast Check

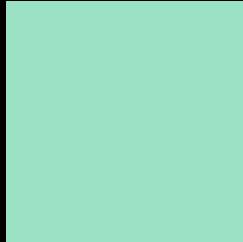
Large Text (above 18pt) WCAG AA × Fail

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 154, 200, 226 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

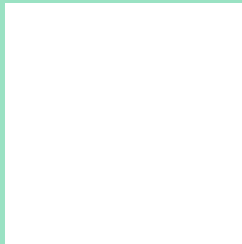
Any Text WCAG AAA ✓ Pass

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

RYP 154, 200, 226 Background



This preview shows how black text looks on a background with the RYP color 154, 200, 226.

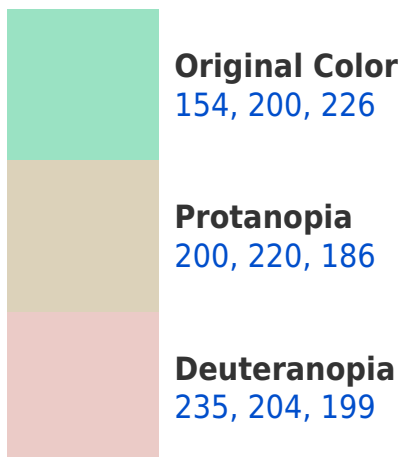



This preview shows how white text looks on a background with the RYP color 154, 200, 226.

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
163, 195, 238

Trichromacy



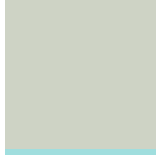
Original Color

154, 200, 226



Protanomaly

189, 216, 209



Deuteranomaly

197, 211, 202



Tritanomaly

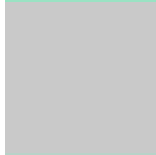
160, 191, 222

Monochromacy



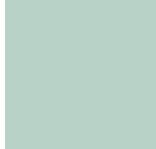
Original Color

154, 200, 226



Achromatopsia

201, 201, 201



Achromatomaly

184, 200, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 200, 226 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(154, 226, 195)` looks like.

```
.text, #text, p{  
    color:rgb(154, 226, 195)  
}
```

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(154, 226, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 226, 195) }
```

Border

The CSS property to change the border of an element to RYB 154, 200, 226 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(154, 226, 195) }
```

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

```
.border{ border-color:rgb(154, 226, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 226, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 226, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 226, 195);  
box-shadow:4px 4px 4px 4px rgb(154, 226,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 154, 200, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 226, 195) }
```

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

```
.background{ background-color: rgb(154,  
226, 195) }
```

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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