

Converting Colors

`RYB(153, 196, 226)`

Have a look what the booklet for
RYB(153, 196, 226) contains.

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Color

`RYB(153, 196, 226)`

Conversions

Conversions Part 1

Format	Color
Hex	99E2CC
RGB	153, 226, 204
RGB Percent	60%, 89%, 80%
CMY	0.4000, 0.1137, 0.2003
CMYK	0.32, 0.00, 0.10, 0.11
HSL	162°, 56%, 74%
HSV	162°, 32%, 89%
XYZ	51.2239, 65.5213, 67.0300
YIQ	201.6650, -36.4460, -22.3180

Conversions

Conversions Part 2

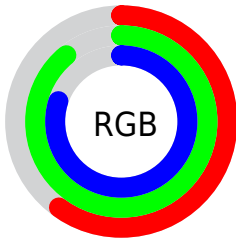
Format	Color
RYB	153, 196, 226
Decimal	10085068
CIELab	84.75, -27.38, 3.57
CIELCh	85, 27.612, 172.566
Yxy	65.5213, 0.2787, 0.3565
Android (android.graphics.Color)	4288275148 (0xFF99E2CC)
YUV	201.6650, 1.1512, -42.6792
Hunter-Lab	80.9452, -28.6954, 7.5642

Details

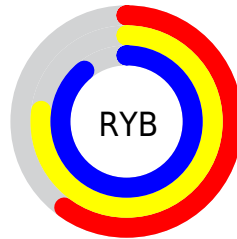
The RYB color **153, 196, 226** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **226, 153, 175**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **209, 232, 255**, and **99, 140, 170** is the 20% darker color. If you saturate the color by 10%, you get **130, 187, 226**, and if you desaturate by 10%, it is **176, 205, 226**.

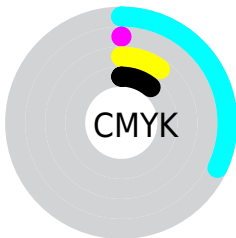
Distribution



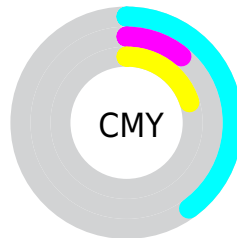
- Red (60%)
- Green (89%)
- Blue (80%)



- Red (60%)
- Yellow (77%)
- Blue (89%)



- Cyan (32%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (40%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 196, 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 153, 196, 226 by changing the saturation by 10% instead.


 153, 196, 226

255, 255, 255


 209, 232, 255

 238, 247, 255

 153, 196, 226


 126, 168, 198

 99, 140, 170


 72, 114, 144

 45, 87, 118

 13, 58, 93

 0, 39, 69


 0, 27, 46

 0, 19, 25

 0, 0, 0

 153, 196, 226


 153, 196, 226

 130, 187, 226


 176, 205, 226

 108, 178, 226


 198, 214, 226

 85, 168, 226


 221, 224, 226

 63, 159, 226

 243, 226, 231

 40, 149, 226

 255, 226, 238

 17, 140, 226

 255, 226, 245

 0, 133, 226

 255, 226, 252

 255, 226, 255

Harmonies

Analogous

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



179, 223, 222



153, 196, 226



137, 183, 231

Triad

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



153, 196, 226



207, 207, 255



255, 213, 171

Complementary

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



153, 196, 226



226, 153, 175

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, 194, 193



153, 196, 226



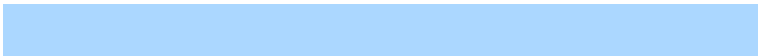
239, 199, 244

Square

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



153, 196, 226



171, 200, 255



255, 193, 219



207, 237, 160

Rectangle

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



153, 196, 226



139, 186, 246



255, 193, 219



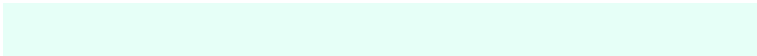
255, 204, 177

Sweetspot

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



153, 196, 226



230, 245, 255



153, 226, 203



112, 121, 128



0, 0, 0



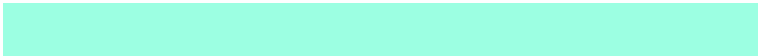
128, 128, 128

Same Dimension

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



153, 196, 226



156, 214, 255



153, 186, 226



101, 107, 112



0, 104, 176



0, 28, 48

Inverse Universe

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



226, 153, 175



255, 156, 186



226, 169, 153



112, 101, 104



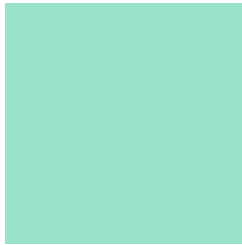
176, 0, 53



48, 0, 15

Previews

White Background



This preview shows how the RYB color 153, 196, 226 looks on a white background.

Color Contrast Check

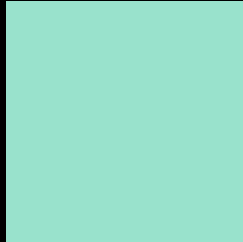
Large Text (above 18pt) WCAG AA × Fail

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 153, 196, 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

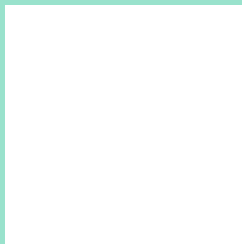
Any Text WCAG AAA ✓ Pass

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

RYB 153, 196, 226 Background



This preview shows how black text looks on a background with the RYB color 153, 196, 226.

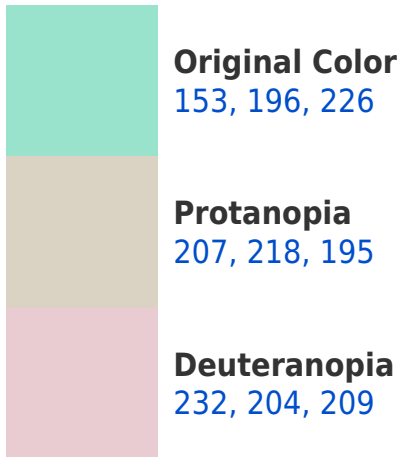



This preview shows how white text looks on a background with the RYB color 153, 196, 226.

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
161, 195, 239

Trichromacy



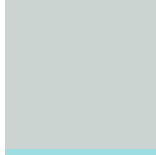
Original Color

153, 196, 226



Protanomaly

194, 213, 216



Deuteranomaly

203, 209, 212



Tritanomaly

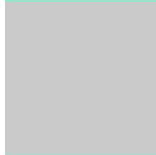
158, 191, 226

Monochromacy



Original Color

153, 196, 226



Achromatopsia

202, 202, 202



Achromatomaly

184, 200, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 196, 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(153, 226, 204)` looks like.

```
.text, #text, p{  
    color:rgb(153, 226, 204)  
}
```

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(153, 226, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 226, 204) }
```

Border

The CSS property to change the border of an element to RYB 153, 196, 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(153, 226, 204) }
```

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

```
.border{ border-color:rgb(153, 226, 204) }
```

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

Here you see how a box with a 4 pixel rgb(153, 226, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 226, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 226, 204);  
box-shadow:4px 4px 4px 4px rgb(153, 226,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 153, 196, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 226, 204) }
```

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

```
.background{ background-color: rgb(153,  
226, 204) }
```

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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