

Converting Colors

`RYB(157, 202, 210)`

Have a look what the booklet for
RYB(157, 202, 210) contains.

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Color

R_YB(157, 202, 210)

Conversions

Conversions Part 1

Format	Color
Hex	9DD2A6
RGB	157, 210, 166
RGB Percent	62%, 82%, 65%
CMY	0.3843, 0.1765, 0.3474
CMYK	0.25, 0.00, 0.21, 0.18
HSL	131°, 37%, 72%
HSV	131°, 25%, 82%
XYZ	43.8730, 56.0300, 44.7823
YIQ	189.1370, -17.4640, -24.9200

Conversions

Conversions Part 2

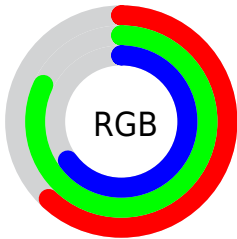
Format	Color
RYB	157, 202, 210
Decimal	10343078
CIELab	79.63, -25.79, 16.15
CIELCh	80, 30.423, 147.946
Yxy	56.0300, 0.3032, 0.3873
Android (android.graphics.Color)	4288533158 (0xFF9DD2A6)
YUV	189.1370, -11.4065, -28.1841
Hunter-Lab	74.8532, -26.3706, 16.9259

Details

The RYB color **157, 202, 210** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **210, 157, 201**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **212, 248, 255**, and **104, 147, 155** is the 20% darker color. If you saturate the color by 10%, you get **136, 199, 210**, and if you desaturate by 10%, it is **178, 205, 210**.

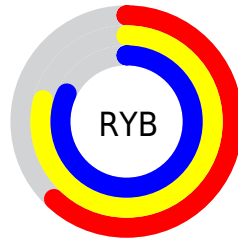
Distribution



Red (62%)

Green (82%)

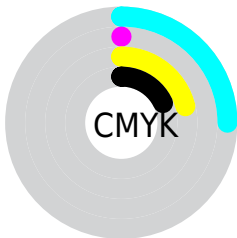
Blue (65%)



Red (62%)

Yellow (79%)

Blue (82%)

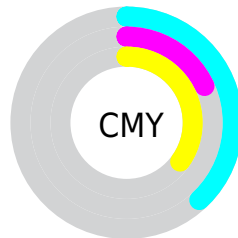


Cyan (25%)

Magenta (0%)

Yellow (21%)

Black (18%)



Cyan (38%)

Magenta (18%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 202, 210 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, 202, 210 by changing the saturation by 10% instead.

 157, 202, 210


255, 255, 255


 212, 247, 255

 241, 250, 255

 157, 202, 210

 130, 174, 182

 104, 147, 155

 79, 120, 129

 54, 94, 104

 30, 68, 79

 2, 41, 56

 0, 35, 35


 0, 0, 0

 157, 202, 210


 157, 202, 210

 136, 199, 210


 178, 205, 210

 115, 196, 210


 199, 208, 210

 94, 192, 210


 220, 210, 218

 73, 190, 210


 241, 210, 235

 52, 186, 210

 255, 210, 253

 31, 183, 210

 255, 210, 255

 10, 179, 210

 0, 179, 210

Harmonies

Analogous

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



147, 204, 161



157, 202, 210



127, 175, 213

Triad

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



157, 202, 210



159, 188, 253



254, 178, 172

Complementary

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



157, 202, 210



210, 157, 201

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.



251, 177, 200



157, 202, 210



199, 191, 247

Square

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



157, 202, 210



123, 173, 245



232, 182, 228



243, 206, 150

Rectangle

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



157, 202, 210



114, 164, 214



232, 182, 228



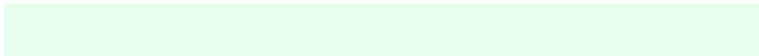
255, 177, 181

Sweetspot

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



157, 202, 210



235, 252, 255



157, 210, 166



115, 126, 128



0, 0, 0



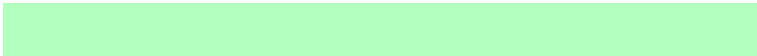
128, 128, 128

Same Dimension

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



157, 202, 210



179, 244, 255



157, 189, 210



94, 103, 105



0, 143, 168



0, 35, 41

Inverse Universe

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



210, 157, 201



255, 179, 241



210, 157, 175



105, 94, 103



168, 0, 138



41, 0, 34

Previews

White Background



This preview shows how the RYB color 157, 202, 210 looks on a white background.

Color Contrast Check

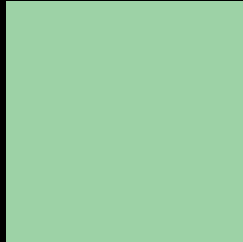
Large Text (above 18pt) WCAG AA × Fail

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, 202, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

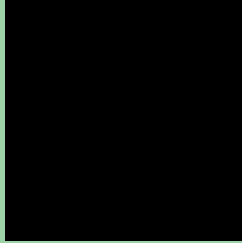
Any Text WCAG AA ✓ Pass

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 157, 202, 210 Background



This preview shows how black text looks on a background with the RYB color 157, 202, 210.

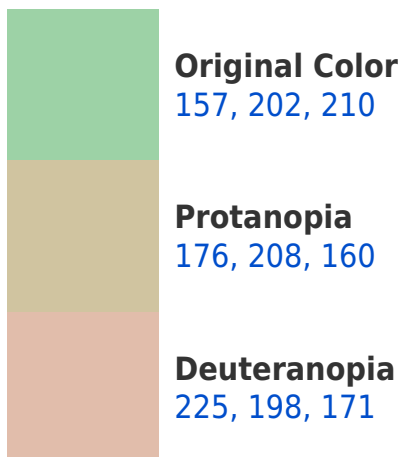


This preview shows how white text looks on a background with the RYB color 157, 202, 210.

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
167, 188, 219

Trichromacy



Original Color
157, 202, 210

Protanomaly
162, 201, 174

Deuteranomaly
172, 200, 169

Tritanomaly
163, 186, 206

Monochromacy



Original Color
157, 202, 210

Achromatopsia
189, 189, 189

Achromatomaly
177, 194, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 202, 210 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, 210, 166)` looks like.

```
.text, #text, p{  
    color:rgb(157, 210, 166)  
}
```

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, 210, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 210, 166) }
```

Border

The CSS property to change the border of an element to RYB 157, 202, 210 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, 210, 166) }
```

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

```
.border{ border-color:rgb(157, 210, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 210, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 210, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 210, 166);  
box-shadow:4px 4px 4px 4px rgb(157, 210,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 157, 202, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 210, 166) }
```

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

```
.background{ background-color: rgb(157,  
210, 166) }
```

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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