

Converting Colors

`RYB(152, 205, 200)`

Have a look what the booklet for
RYB(152, 205, 200) contains.

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Color

R_YB(152, 205, 200)

Conversions

Conversions Part 1

Format	Color
Hex	9DCD98
RGB	157, 205, 152
RGB Percent	62%, 80%, 60%
CMY	0.3843, 0.1961, 0.4039
CMYK	0.23, 0.00, 0.26, 0.20
HSL	114°, 35%, 70%
HSV	114°, 26%, 80%
XYZ	41.4034, 53.0977, 37.7725
YIQ	184.6060, -11.5950, -26.6590

Conversions

Conversions Part 2

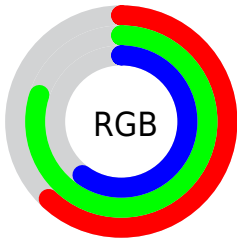
Format	Color
RYB	152, 205, 200
Decimal	10341784
CIELab	77.93, -25.86, 21.42
CIElCh	78, 33.578, 140.356
Yxy	53.0977, 0.3130, 0.4014
Android (android.graphics.Color)	4288531864 (0xFF9DCD98)
YUV	184.6060, -16.0748, -24.2105
Hunter-Lab	72.8682, -26.0963, 20.2738

Details

The RYB color **152, 205, 200** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **200, 152, 205**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **206, 255, 249**, and **101, 151, 148** is the 20% darker color. If you saturate the color by 10%, you get **132, 205, 199**, and if you desaturate by 10%, it is **173, 205, 202**.

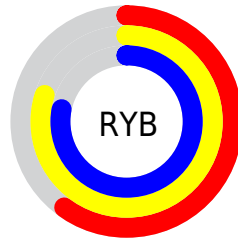
Distribution



Red (62%)

Green (80%)

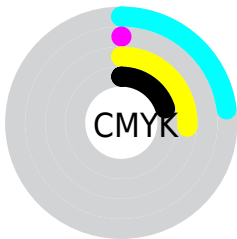
Blue (60%)



Red (60%)

Yellow (80%)

Blue (78%)

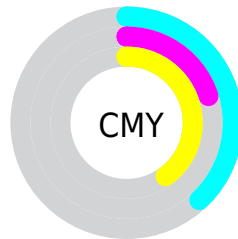


Cyan (23%)

Magenta (0%)

Yellow (26%)

Black (20%)



Cyan (38%)

Magenta (20%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 205, 200 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 152, 205, 200 by changing the saturation by 10% instead.


 152, 205, 200

 152, 205, 200


255, 255, 255

 126, 177, 173


 206, 255, 249

 101, 151, 148


 235, 255, 249

 76, 124, 121

 53, 99, 97

 30, 74, 75

 4, 47, 52

 0, 32, 32

 0, 0, 0

 152, 205, 200

 152, 205, 200

 132, 205, 199

 173, 205, 202

 111, 205, 196

 193, 205, 204

 90, 205, 194

 213, 205, 214

 70, 205, 192

 231, 205, 234

 50, 205, 191

 250, 205, 255

 29, 205, 188

 255, 205, 255

 8, 205, 186

 0, 205, 186

Harmonies

Analogous

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



134, 197, 138



152, 205, 200



121, 173, 209

Triad

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



152, 205, 200



137, 177, 253



255, 170, 172

Complementary

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



152, 205, 200



200, 152, 205

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.



248, 170, 204



152, 205, 200



183, 188, 251

Square

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



152, 205, 200



99, 160, 240



223, 177, 233



246, 191, 146

Rectangle

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



152, 205, 200



101, 157, 210



223, 177, 233



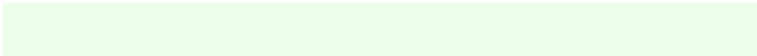
255, 169, 183

Sweetspot

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



152, 205, 200



235, 255, 253



158, 205, 152



115, 128, 127



0, 0, 0



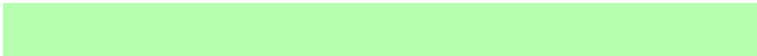
128, 128, 128

Same Dimension

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



152, 205, 200



176, 255, 248



152, 190, 205



92, 102, 101



0, 166, 150



0, 38, 34

Inverse Universe

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



200, 152, 205



248, 176, 255



205, 152, 184



101, 92, 102



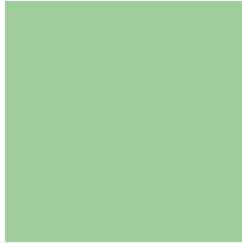
150, 0, 166



35, 0, 38

Previews

White Background



This preview shows how the RYB color 152, 205, 200 looks on a white background.

Color Contrast Check

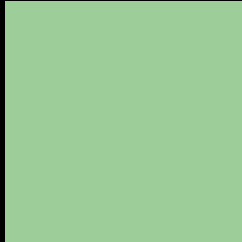
Large Text (above 18pt) WCAG AA × Fail

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 152, 205, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

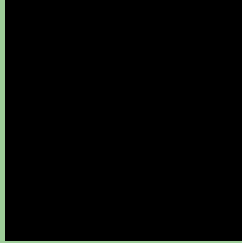
Any Text WCAG AA ✓ Pass

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 152, 205, 200 Background



This preview shows how black text looks on a background with the RYB color 152, 205, 200.

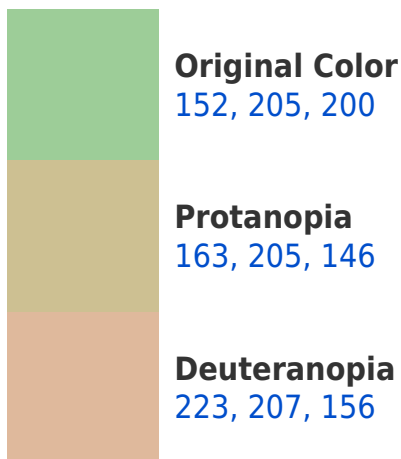


This preview shows how white text looks on a background with the RYB color 152, 205, 200.

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, 185, 213

Trichromacy



Original Color
152, 205, 200

Protanomaly
148, 197, 157

Deuteranomaly
163, 199, 155

Tritanomaly
163, 184, 200

Monochromacy



Original Color
152, 205, 200

Achromatopsia
185, 185, 185

Achromatomaly
173, 192, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 205, 200 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, 205, 152)` looks like.

```
.text, #text, p{  
    color:rgb(157, 205, 152)  
}
```

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, 205, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 205, 152) }
```

Border

The CSS property to change the border of an element to RYB 152, 205, 200 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, 205, 152) }
```

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

```
.border{ border-color:rgb(157, 205, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 205, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 205, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 205, 152);  
box-shadow:4px 4px 4px 4px rgb(157, 205,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 152, 205, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 205, 152) }
```

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

```
.background{ background-color: rgb(157,  
205, 152) }
```

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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