

Converting Colors

`RYB(152, 197, 216)`

Have a look what the booklet for
RYB(152, 197, 216) contains.

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Color

R_YB(152, 197, 216)

Conversions

Conversions Part 1

Format	Color
Hex	98D8B3
RGB	152, 216, 179
RGB Percent	60%, 85%, 70%
CMY	0.4039, 0.1529, 0.2980
CMYK	0.30, 0.00, 0.17, 0.15
HSL	145°, 45%, 72%
HSV	145°, 30%, 85%
XYZ	45.6437, 59.0427, 51.6503
YIQ	192.6460, -26.2670, -25.0750

Conversions

Conversions Part 2

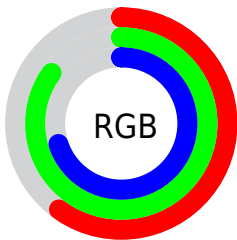
Format	Color
RYB	152, 197, 216
Decimal	10016947
CIELab	81.32, -27.91, 11.81
CIELCh	81, 30.308, 157.076
Yxy	59.0427, 0.2920, 0.3777
Android (android.graphics.Color)	4288207027 (0xFF98D8B3)
YUV	192.6460, -6.7275, -35.6465
Hunter-Lab	76.8393, -28.4370, 13.9335

Details

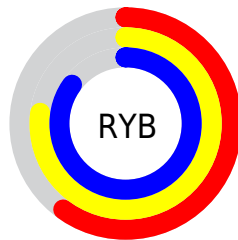
The RYB color **152, 197, 216** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **216, 152, 189**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **208, 238, 255**, and **99, 142, 161** is the 20% darker color. If you saturate the color by 10%, you get **130, 190, 216**, and if you desaturate by 10%, it is **174, 203, 216**.

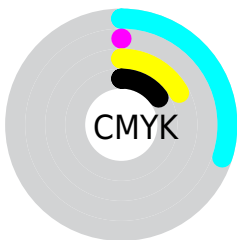
Distribution



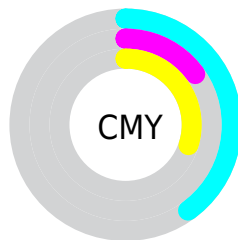
- Red (60%)
- Green (85%)
- Blue (70%)



- Red (60%)
- Yellow (77%)
- Blue (85%)



- Cyan (30%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)



- Cyan (40%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 197, 216 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, 197, 216 by changing the saturation by 10% instead.

 152, 197, 216


255, 255, 255


 208, 238, 255


 236, 246, 255

 152, 197, 216

 125, 169, 188

 99, 142, 161

 73, 115, 134

 48, 89, 109

 20, 62, 84


 0, 40, 61


 0, 29, 38

 0, 9, 9


 0, 0, 0

 152, 197, 216


 152, 197, 216

 130, 190, 216


 174, 203, 216

 109, 184, 216


 195, 210, 216

 87, 177, 216


 217, 216, 216

 66, 172, 216


 238, 216, 229

 44, 165, 216


 255, 216, 241

 22, 158, 216

 255, 216, 254

 1, 152, 216

 255, 216, 255

 0, 152, 216

Harmonies

Analogous

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



156, 211, 182



152, 197, 216



125, 174, 218

Triad

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



152, 197, 216



176, 196, 255



255, 189, 169

Complementary

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



152, 197, 216



216, 152, 189

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, 181, 196



152, 197, 216



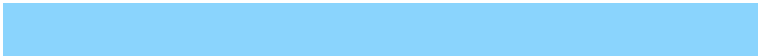
215, 192, 247

Square

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



152, 197, 216



138, 183, 253



244, 184, 225



241, 232, 150

Rectangle

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



152, 197, 216



116, 169, 227



244, 184, 225



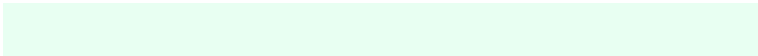
255, 183, 178

Sweetspot

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



152, 197, 216



232, 248, 255



152, 216, 179



113, 124, 128



0, 0, 0



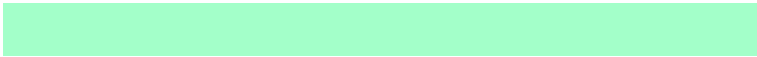
128, 128, 128

Same Dimension

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



152, 197, 216



163, 228, 255



152, 185, 216



96, 104, 107



0, 120, 171



0, 30, 43

Inverse Universe

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



216, 152, 189



255, 163, 216



216, 152, 157



107, 96, 103



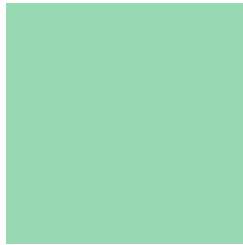
171, 0, 99



43, 0, 25

Previews

White Background



This preview shows how the RYB color 152, 197, 216 looks on a white background.

Color Contrast Check

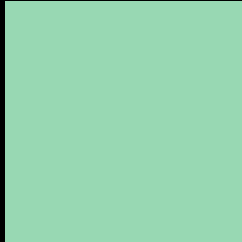
Large Text (above 18pt) WCAG AA × Fail

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, 197, 216 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

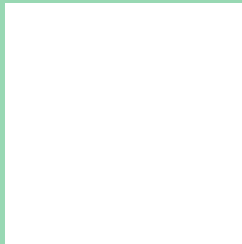
Any Text WCAG AAA ✓ Pass

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

RYB 152, 197, 216 Background



This preview shows how black text looks on a background with the RYB color 152, 197, 216.

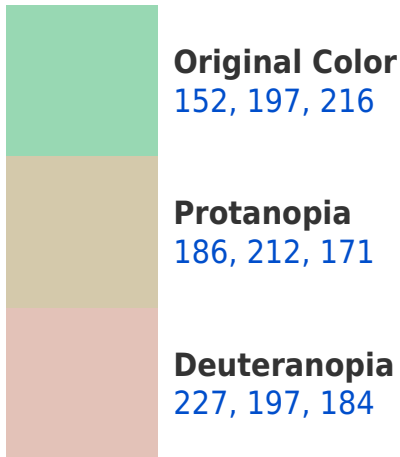


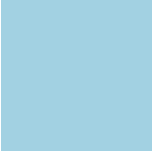
This preview shows how white text looks on a background with the RYB color 152, 197, 216.

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
162, 189, 226

Trichromacy



Original Color
152, 197, 216

Protanomaly
174, 206, 190

Deuteranomaly
182, 202, 184

Tritanomaly
158, 186, 212

Monochromacy



Original Color
152, 197, 216

Achromatopsia
193, 193, 193

Achromatomaly
178, 194, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 197, 216 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(152, 216, 179)` looks like.

```
.text, #text, p{  
    color:rgb(152, 216, 179)  
}
```

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(152, 216, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 216, 179) }
```

Border

The CSS property to change the border of an element to RYB 152, 197, 216 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(152, 216, 179) }
```

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

```
.border{ border-color:rgb(152, 216, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 216, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 216, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 216, 179);  
box-shadow:4px 4px 4px 4px rgb(152, 216,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 152, 197, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 216, 179) }
```

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

```
.background{ background-color: rgb(152,  
216, 179) }
```

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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