

Converting Colors

`RYB(152, 180, 220)`

Have a look what the booklet for RYB(152, 180, 220) contains.

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Color

R_YB(152, 180, 220)

Conversions

Conversions Part 1

Format	Color
Hex	98C8DC
RGB	152, 200, 220
RGB Percent	60%, 78%, 86%
CMY	0.4039, 0.2173, 0.1373
CMYK	0.31, 0.09, 0.00, 0.14
HSL	198°, 49%, 73%
HSV	198°, 31%, 86%
XYZ	46.4289, 52.9662, 75.4866
YIQ	187.9280, -35.0280, -3.9560

Conversions

Conversions Part 2

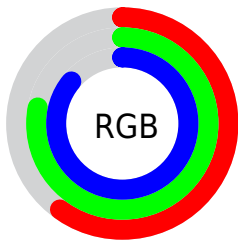
Format	Color
R _{YB}	152, 180, 220
Decimal	10012892
CIE Lab	77.86, -10.77, -15.19
CIE LCh	78, 18.621, 234.671
Yxy	52.9662, 0.2655, 0.3029
Android (android.graphics.Color)	4288202972 (0xFF98C8DC)
YUV	187.9280, 15.8115, -31.5089
Hunter-Lab	72.7779, -13.4866, -10.5522

Details

The RYB color **152, 180, 220** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **220, 180, 152**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **208, 232, 255**, and **99, 126, 165** is the 20% darker color. If you saturate the color by 10%, you get **130, 167, 220**, and if you desaturate by 10%, it is **174, 193, 220**.

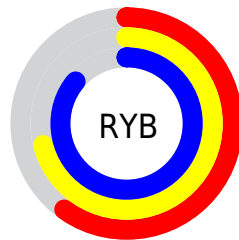
Distribution



Red (60%)

Green (78%)

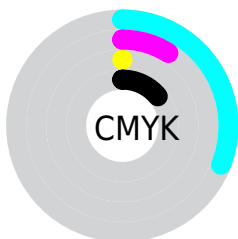
Blue (86%)



Red (60%)

Yellow (71%)

Blue (86%)

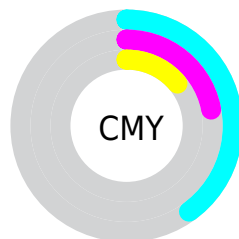


Cyan (31%)

Magenta (9%)

Yellow (0%)

Black (14%)



Cyan (40%)


Magenta (22%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 180, 220 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, 180, 220 by changing the saturation by 10% instead.

 152, 180, 220


255, 255, 255

 208, 232, 255

 237, 246, 255

 152, 180, 220

 125, 153, 192

 99, 126, 165

 73, 100, 139

 47, 75, 113

 17, 48, 89

 0, 28, 65

 0, 17, 43

 0, 1, 23

 0, 0, 0

■ 152, 180, 220

■ 152, 180, 220

■ 130, 167, 220

■ 174, 193, 220

■ 108, 154, 220

■ 196, 206, 220

■ 86, 141, 220

■ 218, 219, 220

■ 64, 128, 220

■ 240, 229, 220

■ 42, 115, 220

■ 255, 241, 220

■ 20, 102, 220

■ 249, 255, 220

■ 0, 91, 220

■ 232, 255, 220

■ 223, 255, 220

■ 220, 255, 220

Harmonies

Analogous

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



147, 175, 206



152, 180, 220



169, 187, 226

Triad

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



152, 180, 220



225, 181, 196



161, 196, 166

Complementary

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



152, 180, 220



220, 180, 152

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.



188, 209, 158



152, 180, 220



229, 181, 179

Square

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



152, 180, 220



212, 184, 213



223, 196, 165



171, 199, 200

Rectangle

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



152, 180, 220



184, 190, 226



223, 196, 165



162, 197, 159

Sweetspot

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



152, 180, 220



232, 241, 255



152, 205, 220



113, 119, 128



0, 0, 0



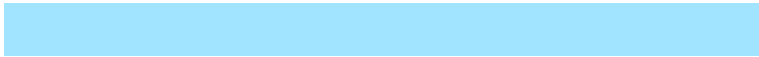
128, 128, 128

Same Dimension

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



152, 180, 220



161, 200, 255



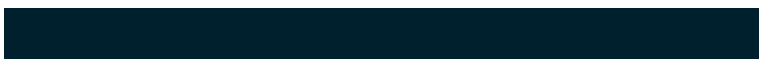
152, 164, 220



99, 103, 110



0, 71, 173



0, 19, 46

Inverse Universe

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



220, 152, 200



255, 161, 227



170, 220, 152



110, 99, 106



173, 0, 121



46, 0, 32

Previews

White Background



This preview shows how the RYB color 152, 180, 220 looks on a white background.

Color Contrast Check

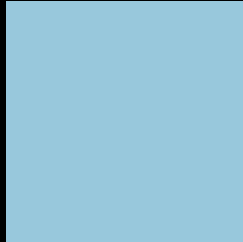
Large Text (above 18pt) WCAG AA × Fail

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, 180, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

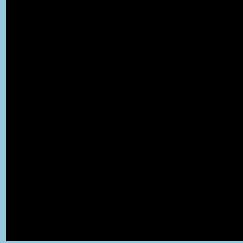
Any Text WCAG AA ✓ Pass

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, 180, 220 Background



This preview shows how black text looks on a background with the RYB color 152, 180, 220.

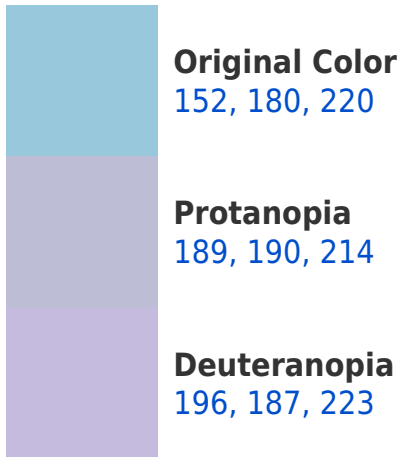


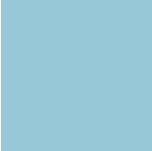
This preview shows how white text looks on a background with the RYB color 152, 180, 220.

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
151, 179, 216

Trichromacy



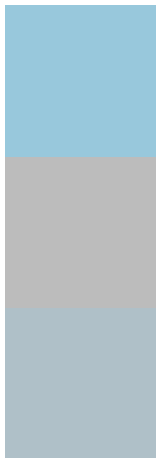
Original Color
152, 180, 220

Protanomaly
176, 188, 216

Deuteranomaly
180, 189, 222

Tritanomaly
151, 179, 217

Monochromacy



Original Color
152, 180, 220

Achromatopsia
188, 188, 188

Achromatomaly
175, 185, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 180, 220 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, 200, 220)` looks like.

```
.text, #text, p{  
    color:rgb(152, 200, 220)  
}
```

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, 200, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 200, 220) }
```

Border

The CSS property to change the border of an element to RYB 152, 180, 220 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, 200, 220) }
```

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

```
.border{ border-color:rgb(152, 200, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 200, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 200, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 200, 220); box-shadow:4px 4px 4px 4px rgb(152, 200, 220) }
```

Background

The CSS property to change the background color of an element to RYB 152, 180, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 200, 220) }
```

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

```
.background{ background-color: rgb(152,  
200, 220) }
```

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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