

Converting Colors

`RYB(152, 223, 204)`

Have a look what the booklet for
RYB(152, 223, 204) contains.

RYB(152, 223, 204)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(152, 223, 204)

Conversions

Conversions Part 1

Format	Color
Hex	ABDF98
RGB	171, 223, 152
RGB Percent	67%, 87%, 60%
CMY	0.3294, 0.1255, 0.4039
CMYK	0.23, 0.00, 0.32, 0.13
HSL	104°, 53%, 74%
HSV	104°, 32%, 87%
XYZ	48.8498, 63.7003, 39.4265
YIQ	199.3580, -8.2010, -33.1050

Conversions

Conversions Part 2

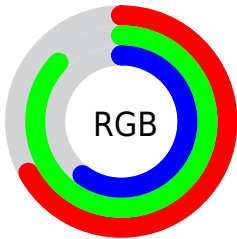
Format	Color
RYB	152, 223, 204
Decimal	11263896
CIELab	83.81, -29.71, 29.53
CIElCh	84, 41.888, 135.166
Yxy	63.7003, 0.3214, 0.4191
Android (android.graphics.Color)	4289453976 (0xFFABDF98)
YUV	199.3580, -23.3475, -24.8700
Hunter-Lab	79.8125, -30.4196, 26.5801

Details

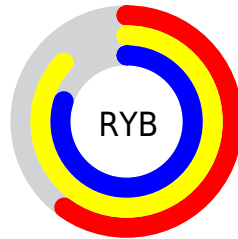
The RYB color **152, 223, 204** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **204, 152, 223**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **207, 255, 235**, and **100, 168, 151** is the 20% darker color. If you saturate the color by 10%, you get **130, 223, 198**, and if you desaturate by 10%, it is **174, 223, 210**.

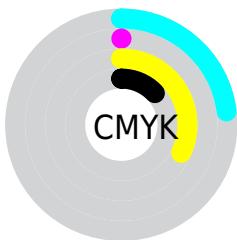
Distribution



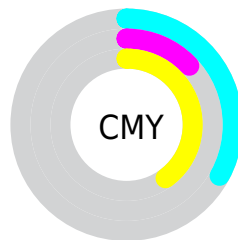
- Red (67%)
- Green (87%)
- Blue (60%)



- Red (60%)
- Yellow (87%)
- Blue (80%)



- Cyan (23%)
- Magenta (0%)
- Yellow (32%)
- Black (13%)



- Cyan (33%)
- Magenta (13%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 223, 204 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, 223, 204 by changing the saturation by 10% instead.


 152, 223, 204


255, 255, 255


 207, 255, 235


 235, 255, 235

 152, 223, 204

 126, 195, 177

 100, 168, 151

 76, 141, 126

 52, 115, 101

 29, 90, 78

 5, 66, 57

 0, 44, 44

 0, 22, 22

 0, 0, 0

■ 152, 223, 204

■ 152, 223, 204

■ 130, 223, 198

■ 174, 223, 210

■ 107, 223, 192

■ 197, 223, 216

■ 85, 223, 186

■ 219, 223, 222

■ 63, 223, 180

■ 236, 223, 241

■ 40, 223, 174

■ 253, 223, 255

■ 18, 223, 168

■ 255, 223, 255

■ 0, 223, 163

Harmonies

Analogous

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



134, 215, 132



152, 223, 204



122, 189, 229

Triad

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



152, 223, 204



120, 177, 255



255, 179, 190

Complementary

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



152, 223, 204



204, 152, 223

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, 230



152, 223, 204



185, 201, 255

Square

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



152, 223, 204



62, 151, 255



239, 192, 255



255, 202, 155

Rectangle

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



152, 223, 204



88, 163, 230



239, 192, 255



255, 178, 204

Sweetspot

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



152, 223, 204



230, 255, 249



180, 223, 152



112, 128, 124



0, 0, 0



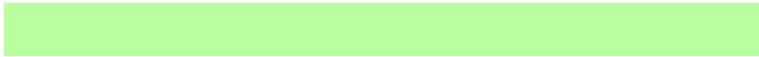
128, 128, 128

Same Dimension

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



152, 223, 204



158, 255, 229



152, 211, 223



101, 112, 109



0, 176, 129



0, 48, 35

Inverse Universe

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



204, 152, 223



229, 158, 255



223, 152, 208



109, 101, 112



129, 0, 176



35, 0, 48

Previews

White Background



This preview shows how the RYB color 152, 223, 204 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, 223, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

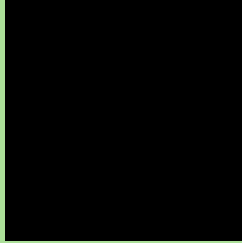
Any Text WCAG AA ✓ Pass

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, 223, 204 Background



This preview shows how black text looks on a background with the RYB color 152, 223, 204.



This preview shows how white text looks on a background with the RYB color 152, 223, 204.

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



Original Color
152, 223, 204

Protanopia
168, 225, 146

Deuteranopia
245, 241, 157



Tritanopia
184, 202, 230

Trichromacy



Original Color

152, 223, 204



Protanomaly

148, 213, 156



Deuteranomaly

167, 218, 155



Tritanomaly

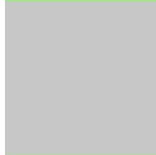
179, 203, 217

Monochromacy



Original Color

152, 223, 204



Achromatopsia

199, 199, 199



Achromatomaly

182, 208, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 223, 204 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(171, 223, 152)` looks like.

```
.text, #text, p{  
    color:rgb(171, 223, 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(171, 223, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 223, 152) }
```

Border

The CSS property to change the border of an element to RYB 152, 223, 204 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(171, 223, 152) }
```

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

```
.border{ border-color:rgb(171, 223, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 223, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 223, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 223, 152); box-shadow:4px 4px 4px 4px rgb(171, 223, 152) }
```

Background

The CSS property to change the background color of an element to RYB 152, 223, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 223, 152) }
```

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

```
.background{ background-color: rgb(171,  
223, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor