

Converting Colors

`RYB(149, 202, 221)`

Have a look what the booklet for
RYB(149, 202, 221) contains.

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Color

R_YB(149, 202, 221)

Conversions

Conversions Part 1

Format	Color
Hex	95DDAF
RGB	149, 221, 175
RGB Percent	58%, 87%, 69%
CMY	0.4157, 0.1333, 0.3145
CMYK	0.33, 0.00, 0.21, 0.13
HSL	142°, 51%, 73%
HSV	142°, 33%, 87%
XYZ	45.9702, 61.1902, 49.8484
YIQ	194.2280, -28.1460, -29.5700

Conversions

Conversions Part 2

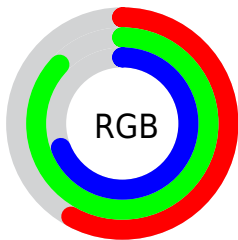
Format	Color
RYB	149, 202, 221
Decimal	9821615
CIELab	82.48, -32.01, 15.65
CIELCh	82, 35.629, 153.943
Yxy	61.1902, 0.2928, 0.3897
Android (android.graphics.Color)	4288011695 (0xFF95DDAF)
YUV	194.2280, -9.4794, -39.6650
Hunter-Lab	78.2242, -31.9927, 16.9744

Details

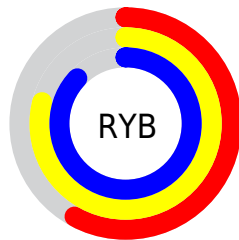
The RYB color **149, 202, 221** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **221, 149, 195**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **205, 238, 255**, and **95, 146, 166** is the 20% darker color. If you saturate the color by 10%, you get **127, 196, 221**, and if you desaturate by 10%, it is **171, 208, 221**.

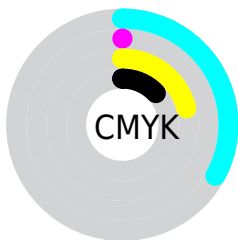
Distribution



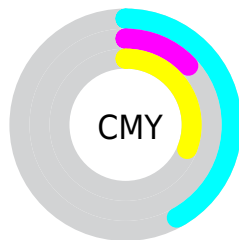
- Red (58%)
- Green (87%)
- Blue (69%)



- Red (58%)
- Yellow (79%)
- Blue (87%)



- Cyan (33%)
- Magenta (0%)
- Yellow (21%)
- Black (13%)



- Cyan (42%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the RYB color 149, 202, 221 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 149, 202, 221 by changing the saturation by 10% instead.


 149, 202, 221

 149, 202, 221


255, 255, 255

 122, 174, 193

 205, 238, 255

 95, 146, 166

 234, 245, 255


 69, 119, 139

 43, 92, 113

 10, 61, 88

 0, 44, 64

 0, 38, 42


 0, 16, 16

 0, 0, 0

 149, 202, 221


 149, 202, 221

 127, 196, 221


 171, 208, 221

 105, 191, 221


 193, 214, 221

 83, 185, 221


 215, 220, 221

 61, 179, 221

 237, 221, 232

 39, 173, 221

 255, 221, 246

 16, 167, 221

 255, 221, 255

 0, 163, 221

Harmonies

Analogous

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



149, 214, 175



149, 202, 221



112, 172, 224

Triad

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



149, 202, 221



168, 195, 255



255, 187, 170

Complementary

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



149, 202, 221



221, 149, 195

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, 180, 202



149, 202, 221



216, 195, 255

Square

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



149, 202, 221



119, 176, 255



252, 185, 235



253, 230, 146

Rectangle

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



149, 202, 221



97, 162, 231



252, 185, 235



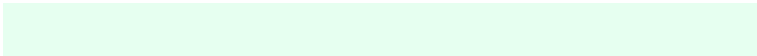
255, 182, 180

Sweetspot

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



149, 202, 221



230, 248, 255



149, 221, 174



112, 124, 128



0, 0, 0



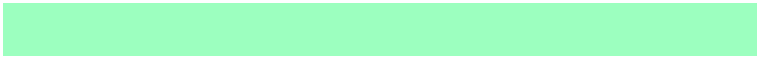
128, 128, 128

Same Dimension

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



149, 202, 221



156, 229, 255



149, 188, 221



99, 107, 110



0, 127, 173



0, 34, 46

Inverse Universe

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



221, 149, 195



255, 156, 219



221, 149, 160



110, 99, 106



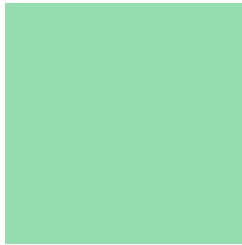
173, 0, 111



46, 0, 29

Previews

White Background



This preview shows how the RYB color 149, 202, 221 looks on a white background.

Color Contrast Check

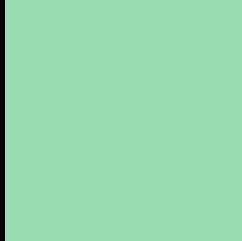
Large Text (above 18pt) WCAG AA × Fail

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 149, 202, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

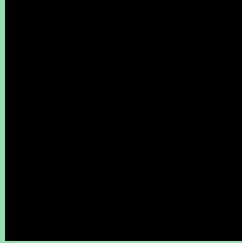
Any Text WCAG AA ✓ Pass

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 149, 202, 221 Background



This preview shows how black text looks on a background with the RYB color 149, 202, 221.

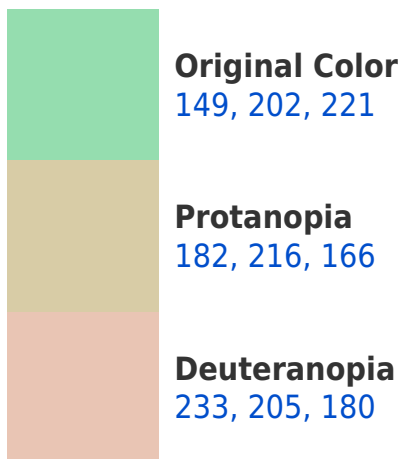


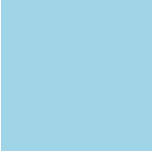
This preview shows how white text looks on a background with the RYB color 149, 202, 221.

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





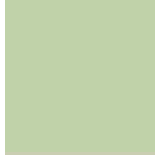
Tritanopia
160, 190, 231

Trichromacy



Original Color

149, 202, 221



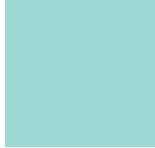
Protanomaly

169, 210, 187



Deuteranomaly

178, 206, 182



Tritanomaly

156, 187, 216

Monochromacy



Original Color

149, 202, 221



Achromatopsia

194, 194, 194



Achromatomaly

178, 197, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 202, 221 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(149, 221, 175)` looks like.

```
.text, #text, p{  
    color:rgb(149, 221, 175)  
}
```

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(149, 221, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 221, 175) }
```

Border

The CSS property to change the border of an element to RYB 149, 202, 221 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(149, 221, 175) }
```

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

```
.border{ border-color:rgb(149, 221, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 221, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 221, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 221, 175);  
box-shadow:4px 4px 4px 4px rgb(149, 221,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 149, 202, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 221, 175) }
```

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

```
.background{ background-color: rgb(149,  
221, 175) }
```

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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