

Converting Colors

`RYB(145, 179, 212)`

Have a look what the booklet for
RYB(145, 179, 212) contains.

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Color

R_YB(145, 179, 212)

Conversions

Conversions Part 1

Format	Color
Hex	91D4D2
RGB	145, 212, 210
RGB Percent	57%, 83%, 82%
CMY	0.4314, 0.1686, 0.1764
CMYK	0.32, 0.00, 0.01, 0.17
HSL	178°, 44%, 70%
HSV	178°, 32%, 83%
XYZ	46.8571, 57.7613, 69.6714
YIQ	191.7390, -39.2900, -14.8260

Conversions

Conversions Part 2

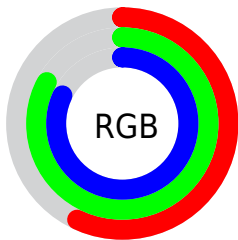
Format	Color
RYB	145, 179, 212
Decimal	9557202
CIELab	80.61, -21.42, -5.78
CIELCh	81, 22.185, 195.106
Yxy	57.7613, 0.2688, 0.3314
Android (android.graphics.Color)	4287747282 (0xFF91D4D2)
YUV	191.7390, 9.0027, -40.9901
Hunter-Lab	76.0009, -22.9503, -1.1516

Details

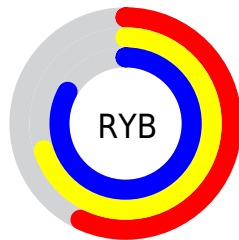
The RYB color **145, 179, 212** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **212, 145, 147**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **201, 228, 255**, and **91, 124, 157** is the 20% darker color. If you saturate the color by 10%, you get **124, 169, 212**, and if you desaturate by 10%, it is **166, 189, 212**.

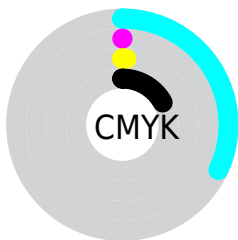
Distribution



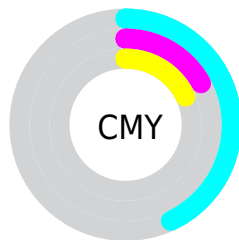
- Red (57%)
- Green (83%)
- Blue (82%)



- Red (57%)
- Yellow (70%)
- Blue (83%)



- Cyan (32%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)




- Cyan (43%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 179, 212 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 145, 179, 212 by changing the saturation by 10% instead.

 145, 179, 212


255, 255, 255

 201, 228, 255

 230, 243, 255

 145, 179, 212

 118, 152, 184


 91, 124, 157

 64, 98, 131

 37, 72, 106

 0, 41, 81

 0, 29, 58


 0, 18, 36


 0, 4, 15

 0, 0, 0

 145, 179, 212


 145, 179, 212

 124, 169, 212


 166, 189, 212

 103, 158, 212


 187, 200, 212


 81, 148, 212


 209, 211, 212

 60, 137, 212


 230, 212, 213

 39, 127, 212

 251, 212, 213

 18, 117, 212

 255, 212, 214

 0, 108, 212

 255, 212, 215

 255, 212, 216

Harmonies

Analogous

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



159, 192, 211



145, 179, 212



146, 182, 229

Triad

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



145, 179, 212



216, 191, 229



218, 226, 160

Complementary

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



145, 179, 212



212, 145, 147

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.



239, 195, 172



145, 179, 212



235, 186, 211

Square

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



145, 179, 212



190, 197, 240



243, 186, 190



163, 205, 160

Rectangle

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



145, 179, 212



156, 187, 237



243, 186, 190



231, 217, 163

Sweetspot

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



145, 179, 212



232, 244, 255



145, 212, 210



113, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



145, 179, 212



158, 207, 255



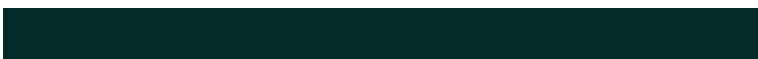
145, 168, 212



96, 102, 107



0, 87, 171



0, 22, 43

Inverse Universe

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



212, 145, 147



255, 158, 161



212, 203, 145



107, 96, 97



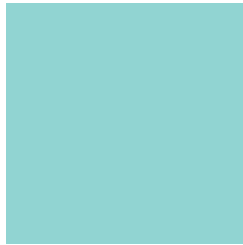
171, 0, 5



43, 0, 1

Previews

White Background



This preview shows how the RYB color 145, 179, 212 looks on a white background.

Color Contrast Check

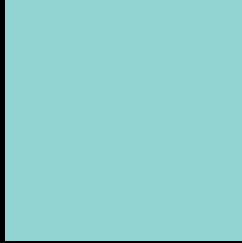
Large Text (above 18pt) WCAG AA × Fail

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 145, 179, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

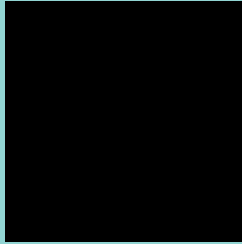
Any Text WCAG AA ✓ Pass

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 145, 179, 212 Background



This preview shows how black text looks on a background with the RYB color 145, 179, 212.



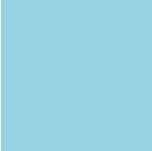
This preview shows how white text looks on a background with the RYB color 145, 179, 212.

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
149, 183, 226

Trichromacy



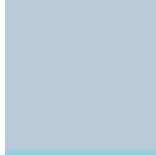
Original Color

145, 179, 212



Protanomaly

181, 192, 205



Deuteranomaly

188, 197, 213



Tritanomaly

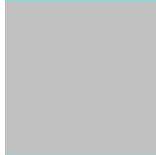
148, 181, 220

Monochromacy



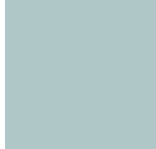
Original Color

145, 179, 212



Achromatopsia

192, 192, 192



Achromatomaly

175, 187, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 179, 212 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(145, 212, 210)` looks like.

```
.text, #text, p{  
    color:rgb(145, 212, 210)  
}
```

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(145, 212, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 212, 210) }
```

Border

The CSS property to change the border of an element to RYB 145, 179, 212 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(145, 212, 210) }
```

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

```
.border{ border-color:rgb(145, 212, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 212, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 212, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 212, 210);  
box-shadow:4px 4px 4px 4px rgb(145, 212,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 145, 179, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 212, 210) }
```

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

```
.background{ background-color: rgb(145,  
212, 210) }
```

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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