

Converting Colors

`RYB(149, 187, 225)`

Have a look what the booklet for
RYB(149, 187, 225) contains.

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Color

R_YB(149, 187, 225)

Conversions

Conversions Part 1

Format	Color
Hex	95E1E1
RGB	149, 225, 225
RGB Percent	58%, 88%, 88%
CMY	0.4157, 0.1176, 0.1176
CMYK	0.34, 0.00, 0.00, 0.12
HSL	180°, 56%, 73%
HSV	180°, 34%, 88%
XYZ	52.9102, 65.6762, 81.1223
YIQ	202.2760, -45.2960, -16.1120

Conversions

Conversions Part 2

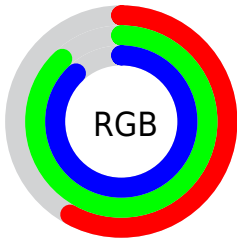
Format	Color
RYB	149, 187, 225
Decimal	9822689
CIELab	84.83, -23.31, -7.46
CIElCh	85, 24.471, 197.759
Yxy	65.6762, 0.2649, 0.3289
Android (android.graphics.Color)	4288012769 (0xFF95E1E1)
YUV	202.2760, 11.2029, -46.7231
Hunter-Lab	81.0409, -25.2818, -2.6209

Details

The RYB color **149, 187, 225** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **225, 149, 149**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **206, 231, 255**, and **94, 132, 170** is the 20% darker color. If you saturate the color by 10%, you get **127, 176, 225**, and if you desaturate by 10%, it is **172, 199, 225**.

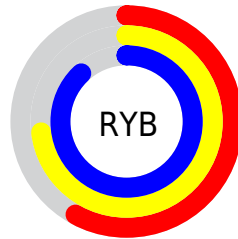
Distribution



Red (58%)

Green (88%)

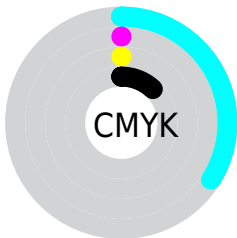
Blue (88%)



Red (58%)

Yellow (73%)

Blue (88%)

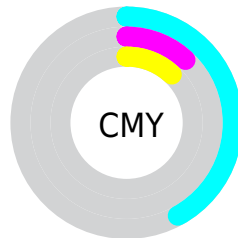


Cyan (34%)

Magenta (0%)

Yellow (0%)

Black (12%)



Cyan (42%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 187, 225 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, 187, 225 by changing the saturation by 10% instead.


 149, 187, 225


255, 255, 255


 206, 231, 255

 235, 245, 255

 149, 187, 225

 121, 159, 197

 94, 132, 170


 66, 105, 143


 36, 77, 118

 0, 46, 93

 0, 34, 70


 0, 23, 47


 0, 13, 27


 0, 0, 0

 149, 187, 225


 149, 187, 225

 127, 176, 225


 172, 199, 225

 104, 165, 225


 194, 210, 225

 82, 154, 225


 217, 221, 225

 59, 142, 225

 239, 225, 225

 37, 131, 225

 255, 225, 225

 14, 120, 225

 0, 113, 225

Harmonies

Analogous

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



164, 201, 224



149, 187, 225



152, 192, 245

Triad

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



149, 187, 225



232, 201, 243



222, 238, 167

Complementary

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



149, 187, 225



225, 149, 149

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.



254, 208, 179



149, 187, 225



252, 196, 222

Square

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



149, 187, 225



203, 208, 255



255, 196, 199



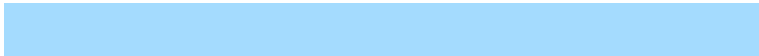
168, 215, 168

Rectangle

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



149, 187, 225



164, 198, 254



255, 196, 199



245, 236, 170

Sweetspot

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



149, 187, 225



230, 243, 255



149, 225, 225



112, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



149, 187, 225



150, 203, 255



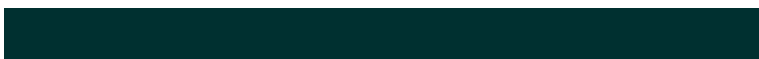
149, 174, 225



101, 107, 112



0, 88, 176



0, 24, 48

Inverse Universe

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



225, 149, 225



255, 150, 255



225, 225, 149



112, 101, 112



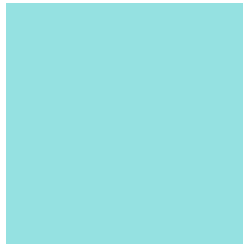
176, 0, 176



48, 0, 48

Previews

White Background



This preview shows how the RYB color 149, 187, 225 looks on a white background.

Color Contrast Check

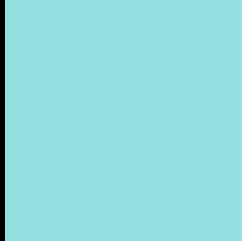
Large Text (above 18pt) WCAG AA × Fail

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, 187, 225 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, 187, 225 Background



This preview shows how black text looks on a background with the RYB color 149, 187, 225.

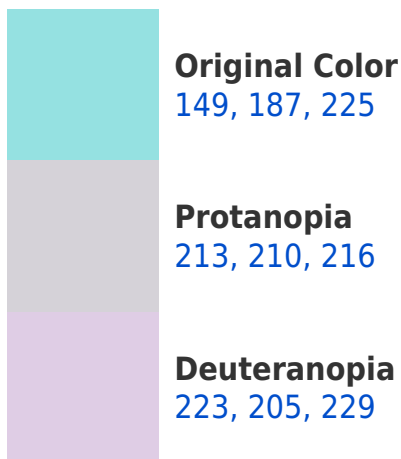



This preview shows how white text looks on a background with the RYB color 149, 187, 225.

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



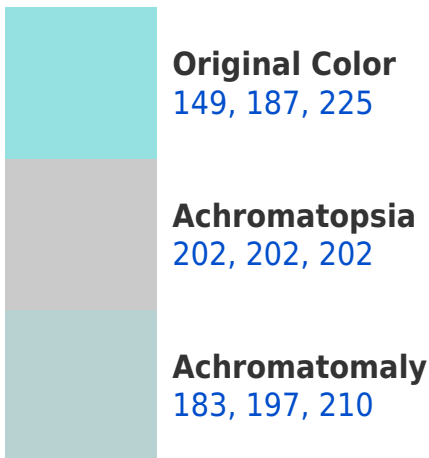


Tritanopia
153, 192, 241

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 187, 225 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, 225, 225)` looks like.

```
.text, #text, p{  
    color:rgb(149, 225, 225)  
}
```

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, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 225, 225) }
```

Border

The CSS property to change the border of an element to RYB 149, 187, 225 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, 225, 225) }
```

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

```
.border{ border-color:rgb(149, 225, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 225, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 225, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 225, 225);  
box-shadow:4px 4px 4px 4px rgb(149, 225,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 149, 187, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 225, 225) }
```

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

```
.background{ background-color: rgb(149,  
225, 225) }
```

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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