

Converting Colors

`RYB(149, 217, 227)`

Have a look what the booklet for
RYB(149, 217, 227) contains.

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Color

R_YB(149, 217, 227)

Conversions

Conversions Part 1

Format	Color
Hex	95E3A0
RGB	149, 227, 160
RGB Percent	58%, 89%, 63%
CMY	0.4157, 0.1098, 0.3707
CMYK	0.34, 0.00, 0.29, 0.11
HSL	129°, 58%, 74%
HSV	129°, 34%, 89%
XYZ	46.2499, 63.8823, 43.3668
YIQ	196.0400, -24.9810, -37.3730

Conversions

Conversions Part 2

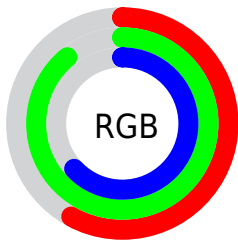
Format	Color
RYB	149, 217, 227
Decimal	9823136
CIELab	83.90, -37.35, 25.10
CIELCh	84, 44.999, 146.100
Yxy	63.8823, 0.3013, 0.4162
Android (android.graphics.Color)	4288013216 (0xFF95E3A0)
YUV	196.0400, -17.7677, -41.2541
Hunter-Lab	79.9264, -36.5810, 23.7786

Details

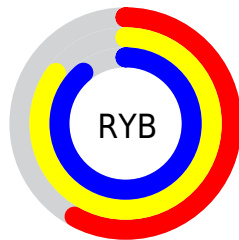
The RYB color **149, 217, 227** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **227, 149, 216**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **205, 247, 255**, and **95, 160, 171** is the 20% darker color. If you saturate the color by 10%, you get **126, 214, 227**, and if you desaturate by 10%, it is **172, 220, 227**.

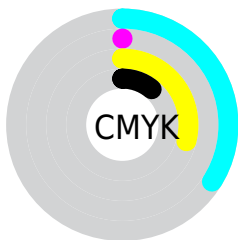
Distribution



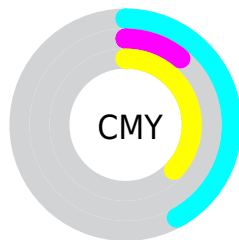
- Red (58%)
- Green (89%)
- Blue (63%)



- Red (58%)
- Yellow (85%)
- Blue (89%)



- Cyan (34%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)



- Cyan (42%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 217, 227 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, 217, 227 by changing the saturation by 10% instead.


 149, 217, 227


255, 255, 255


 205, 246, 255


 234, 248, 255

 149, 217, 227

 122, 189, 199

 95, 160, 171

 68, 131, 144

 40, 102, 118

 2, 68, 93

 0, 57, 69

 0, 46, 46

 0, 22, 22

 0, 0, 0

 149, 217, 227

 149, 217, 227

 126, 214, 227

 172, 220, 227

 104, 211, 227

 194, 223, 227

 81, 209, 227

 217, 225, 227

 58, 205, 227

 240, 227, 238

 36, 203, 227

 255, 227, 255

 13, 200, 227

 0, 198, 227

Harmonies

Analogous

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



131, 218, 150



149, 217, 227



91, 169, 231

Triad

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



149, 217, 227



137, 184, 255



255, 179, 174

Complementary

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



149, 217, 227



227, 149, 216

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, 176, 217



149, 217, 227



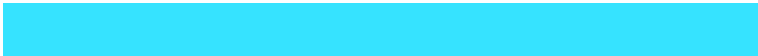
206, 200, 255

Square

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



149, 217, 227



54, 147, 255



255, 185, 255



255, 228, 140

Rectangle

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



149, 217, 227



42, 137, 232



255, 185, 255



255, 177, 188

Sweetspot

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



149, 217, 227



230, 252, 255



149, 227, 159



112, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



149, 217, 227



150, 241, 255



149, 197, 227



103, 113, 115



0, 156, 179



0, 45, 51

Inverse Universe

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



227, 149, 216



255, 150, 240



227, 149, 178



115, 103, 113



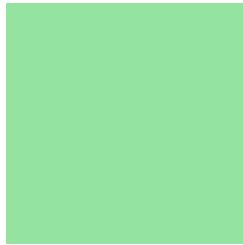
179, 0, 152



51, 0, 44

Previews

White Background



This preview shows how the RYB color 149, 217, 227 looks on a white background.

Color Contrast Check

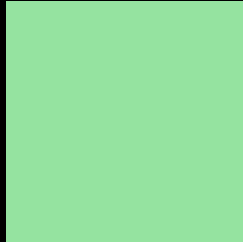
Large Text (above 18pt) WCAG AA × Fail

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, 217, 227 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, 217, 227 Background



This preview shows how black text looks on a background with the RYB color 149, 217, 227.



This preview shows how white text looks on a background with the RYB color 149, 217, 227.

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](#).

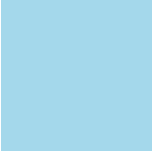
Dichromacy



Original Color
149, 217, 227

Protanopia
173, 224, 152

Deuteranopia
243, 227, 166



Tritanopia
164, 194, 235

Trichromacy



Original Color

149, 217, 227



Protanomaly

155, 215, 173



Deuteranomaly

164, 210, 165



Tritanomaly

159, 194, 221

Monochromacy



Original Color

149, 217, 227



Achromatopsia

196, 196, 196



Achromatomaly

179, 204, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 217, 227 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, 227, 160)` looks like.

```
.text, #text, p{  
    color:rgb(149, 227, 160)  
}
```

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, 227, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 227, 160) }
```

Border

The CSS property to change the border of an element to RYB 149, 217, 227 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, 227, 160) }
```

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

```
.border{ border-color:rgb(149, 227, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 227, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 227, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 227, 160);  
box-shadow:4px 4px 4px 4px rgb(149, 227,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 149, 217, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 227, 160) }
```

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

```
.background{ background-color: rgb(149,  
227, 160) }
```

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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