

Converting Colors

`RYB(149, 199, 247)`

Have a look what the booklet for RYB(149, 199, 247) contains.

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Color

RYB(149, 199, 247)

Conversions

Conversions Part 1

Format	Color
Hex	95F7F3
RGB	149, 247, 243
RGB Percent	58%, 97%, 95%
CMY	0.4157, 0.0314, 0.0467
CMYK	0.40, 0.00, 0.02, 0.03
HSL	178°, 86%, 78%
HSV	178°, 40%, 97%
XYZ	61.8449, 79.3870, 96.9210
YIQ	217.2420, -57.1240, -22.0200

Conversions

Conversions Part 2

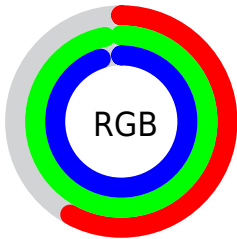
Format	Color
R_{YB}	149, 199, 247
Decimal	9828339
CIE _{Lab}	91.41, -29.70, -7.20
CIE _{LCh}	91, 30.561, 193.630
Yxy	79.3870, 0.2597, 0.3333
Android (android.graphics.Color)	4288018419 (0xFF95F7F3)
YUV	217.2420, 12.6987, -59.8482
Hunter-Lab	89.0994, -32.0249, -2.1252

Details

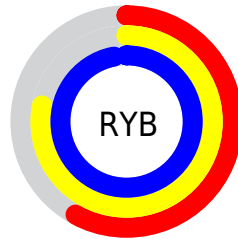
The RYB color **149, 199, 247** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **247, 149, 153**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **207, 231, 255**, and **91, 141, 190** is the 20% darker color. If you saturate the color by 10%, you get **124, 187, 247**, and if you desaturate by 10%, it is **174, 211, 247**.

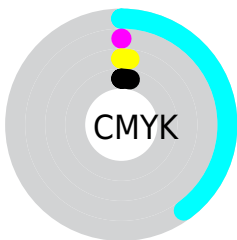
Distribution



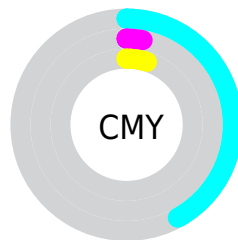
- Red (58%)
- Green (97%)
- Blue (95%)



- Red (58%)
- Yellow (78%)
- Blue (97%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (42%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RYB color 149, 199, 247 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, 199, 247 by changing the saturation by 10% instead.

 149, 199, 247

 149, 199, 247


255, 255, 255

 120, 170, 218

 207, 231, 255

 91, 141, 190

 237, 246, 255

 61, 113, 163

 22, 80, 136

 0, 56, 111

 0, 44, 86

 0, 31, 62

 0, 20, 40


 0, 7, 20

 149, 199, 247


 149, 199, 247

 124, 187, 247


 174, 211, 247

 100, 175, 247


 198, 223, 247

 75, 163, 247

 223, 235, 247

 50, 151, 247

 248, 247, 247

 26, 139, 247

 255, 247, 248

 1, 127, 247

 255, 247, 249

 0, 126, 247

 255, 247, 250

 255, 247, 251

 255, 247, 252

Harmonies

Analogous

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



173, 220, 246



149, 199, 247



148, 199, 255

Triad

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



149, 199, 247



252, 218, 255



228, 255, 175

Complementary

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



149, 199, 247



247, 149, 153

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, 227, 191



149, 199, 247



255, 211, 248

Square

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



149, 199, 247



213, 224, 255



255, 209, 218



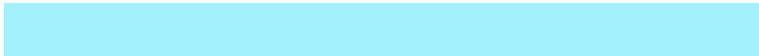
178, 238, 173

Rectangle

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



149, 199, 247



163, 205, 255



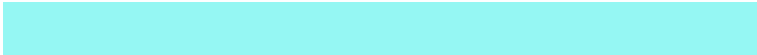
255, 209, 218



244, 255, 179

Sweetspot

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



149, 199, 247



224, 240, 255



149, 247, 242



110, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

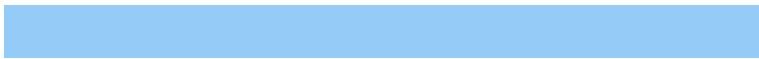
The Same Dimension uses a secret algorithm to generate beautiful new colors.



149, 199, 247



133, 195, 255



149, 184, 247



110, 116, 122



0, 95, 186



0, 30, 59

Inverse Universe

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



247, 149, 153



255, 133, 137



247, 229, 149



122, 110, 111



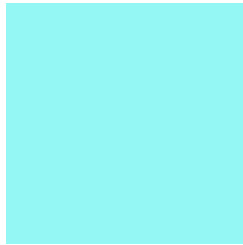
186, 0, 7



59, 0, 2

Previews

White Background



This preview shows how the RYB color 149, 199, 247 looks on a white background.

Color Contrast Check

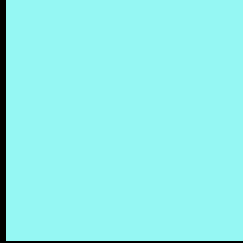
Large Text (above 18pt) WCAG AA × Fail

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, 199, 247 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, 199, 247 Background



This preview shows how black text looks on a background with the RYB color 149, 199, 247.

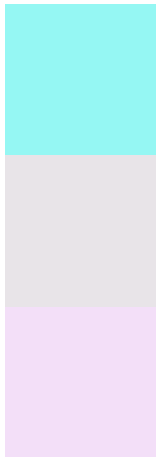


This preview shows how white text looks on a background with the RYB color 149, 199, 247.

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, 199, 247

Protanopia
232, 228, 232

Deuteranopia
243, 223, 248



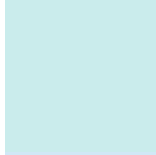
Tritanopia
178, 212, 255

Trichromacy



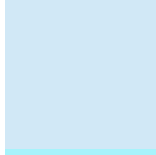
Original Color

149, 199, 247



Protanomaly

202, 219, 236



Deuteranomaly

209, 223, 246



Tritanomaly

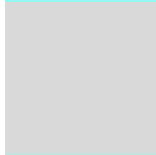
167, 207, 251

Monochromacy



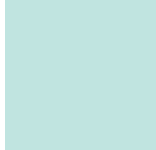
Original Color

149, 199, 247



Achromatopsia

217, 217, 217



Achromatomaly

192, 211, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 199, 247 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, 247, 243)` looks like.

```
.text, #text, p{  
    color:rgb(149, 247, 243)  
}
```

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, 247, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 247, 243) }
```

Border

The CSS property to change the border of an element to RYB 149, 199, 247 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, 247, 243) }
```

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

```
.border{ border-color:rgb(149, 247, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 247, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 247, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 247, 243);  
box-shadow:4px 4px 4px 4px rgb(149, 247,  
243) }
```

Background

The CSS property to change the background color of an element to RYB 149, 199, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 247, 243) }
```

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

```
.background{ background-color: rgb(149,  
247, 243) }
```

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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