

Converting Colors

`RYB(149, 195, 254)`

Have a look what the booklet for
RYB(149, 195, 254) contains.

RYB(149, 195, 254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(149, 195, 254)

Conversions

Conversions Part 1

Format	Color
Hex	95E7FE
RGB	149, 231, 254
RGB Percent	58%, 91%, 100%
CMY	0.4157, 0.0946, 0.0039
CMYK	0.41, 0.09, 0.00, 0.00
HSL	193°, 98%, 79%
HSV	193°, 41%, 100%
XYZ	58.8218, 70.6213, 104.2970
YIQ	209.1040, -56.2550, -10.2310

Conversions

Conversions Part 2

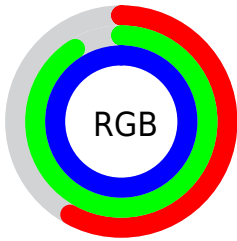
Format	Color
R_{YB}	149, 195, 254
Decimal	9824254
CIE _{Lab}	87.30, -19.17, -19.05
CIE _{LCh}	87, 27.023, 224.816
Yxy	70.6213, 0.2517, 0.3021
Android (android.graphics.Color)	4288014334 (0xFF95E7FE)
YUV	209.1040, 22.1337, -52.7112
Hunter-Lab	84.0365, -22.1217, -14.7588

Details

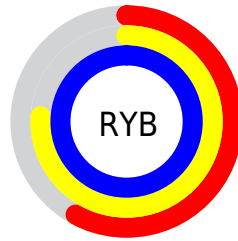
The RYB color **149, 195, 254** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **254, 178, 149**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **207, 231, 255**, and **92, 138, 197** is the 20% darker color. If you saturate the color by 10%, you get **124, 181, 254**, and if you desaturate by 10%, it is **174, 209, 254**.

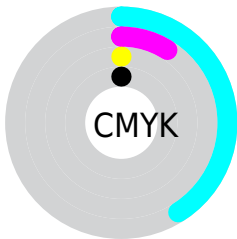
Distribution



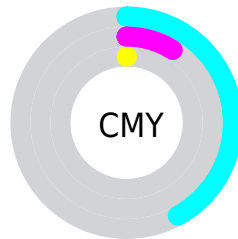
- Red (58%)
- Green (91%)
- Blue (100%)



- Red (58%)
- Yellow (76%)
- Blue (100%)



- Cyan (41%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 149, 195, 254 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, 195, 254 by changing the saturation by 10% instead.


 149, 195, 254

 149, 195, 254


255, 255, 255

 120, 166, 225

 207, 231, 255

 92, 138, 197

 237, 246, 255


 62, 110, 170

 25, 79, 144

 0, 54, 118

 0, 41, 93

 0, 29, 69

 0, 19, 47

 0, 1, 27

■ 149, 195, 254

■ 149, 195, 254

■ 124, 181, 254

■ 174, 209, 254

■ 98, 166, 254

■ 200, 224, 254

■ 73, 152, 254

■ 225, 238, 254

■ 47, 138, 254

■ 251, 252, 254

■ 22, 124, 254

254, 255, 254

■ 0, 111, 254

Harmonies

Analogous

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



149, 192, 233



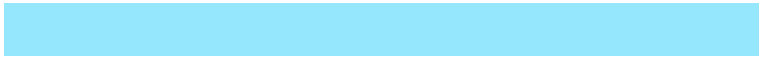
149, 195, 254



171, 204, 255

Triad

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



149, 195, 254



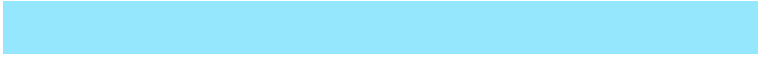
255, 202, 233



173, 225, 169

Complementary

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



149, 195, 254



254, 178, 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.



239, 250, 170



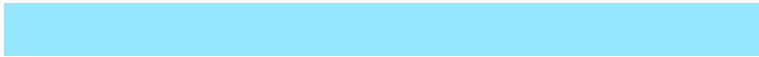
149, 195, 254



255, 201, 207

Square

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



149, 195, 254



239, 208, 255



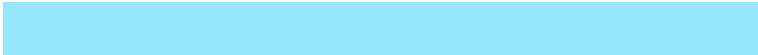
255, 214, 184



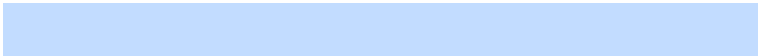
182, 228, 214

Rectangle

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



149, 195, 254



194, 212, 255



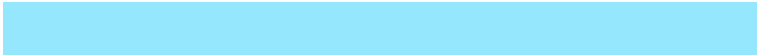
255, 214, 184



189, 234, 168

Sweetspot

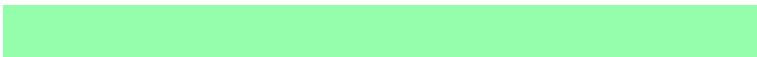
The Sweet Spot groups the original color and five complimentary colors.



149, 195, 254



224, 238, 255



149, 235, 254



110, 118, 128



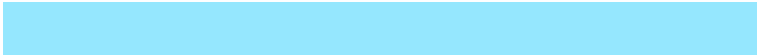
0, 0, 0



128, 128, 128

Same Dimension

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



149, 195, 254



128, 184, 255



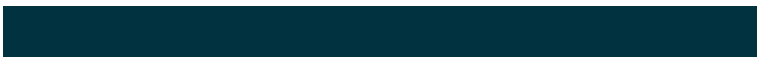
149, 172, 254



115, 121, 128



0, 84, 191



0, 28, 64

Inverse Universe

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



254, 149, 231



255, 128, 227



191, 254, 149



128, 115, 125



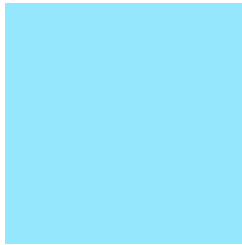
191, 0, 149



64, 0, 50

Previews

White Background



This preview shows how the RYB color 149, 195, 254 looks on a white background.

Color Contrast Check

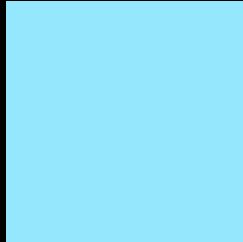
Large Text (above 18pt) WCAG AA × Fail

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, 195, 254 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, 195, 254 Background



This preview shows how black text looks on a background with the RYB color 149, 195, 254.



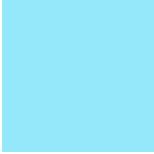
This preview shows how white text looks on a background with the RYB color 149, 195, 254.

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





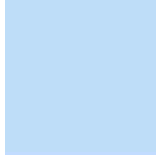
Tritanopia
148, 194, 250

Trichromacy



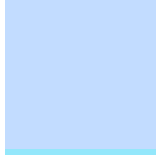
Original Color

149, 195, 254



Protanomaly

190, 210, 248



Deuteranomaly

194, 212, 255



Tritanomaly

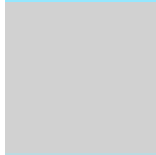
148, 194, 251

Monochromacy



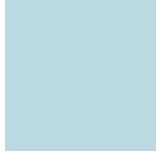
Original Color

149, 195, 254



Achromatopsia

209, 209, 209



Achromatomaly

187, 204, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 195, 254 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, 231, 254)` looks like.

```
.text, #text, p{  
    color:rgb(149, 231, 254)  
}
```

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, 231, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 231, 254) }
```

Border

The CSS property to change the border of an element to RYB 149, 195, 254 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, 231, 254) }
```

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

```
.border{ border-color:rgb(149, 231, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 231, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 231, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 231, 254); box-shadow:4px 4px 4px 4px rgb(149, 231, 254) }
```

Background

The CSS property to change the background color of an element to RYB 149, 195, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 231, 254) }
```

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

```
.background{ background-color: rgb(149,  
231, 254) }
```

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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