

Converting Colors

`RYB(148, 198, 241)`

Have a look what the booklet for RYB(148, 198, 241) contains.

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Color

R_YB(148, 198, 241)

Conversions

Conversions Part 1

Format	Color
Hex	94F1E4
RGB	148, 241, 228
RGB Percent	58%, 95%, 89%
CMY	0.4196, 0.0549, 0.1060
CMYK	0.39, 0.00, 0.05, 0.05
HSL	172°, 77%, 76%
HSV	172°, 39%, 95%
XYZ	57.6689, 74.8068, 84.7839
YIQ	211.7110, -51.2550, -23.7590

Conversions

Conversions Part 2

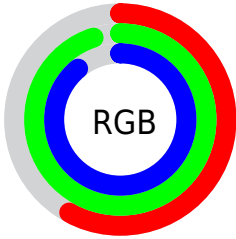
Format	Color
RYB	148, 198, 241
Decimal	9761252
CIELab	89.30, -30.60, -2.44
CIELCh	89, 30.697, 184.564
Yxy	74.8068, 0.2654, 0.3443
Android (android.graphics.Color)	4287951332 (0xFF94F1E4)
YUV	211.7110, 8.0305, -55.8745
Hunter-Lab	86.4909, -32.3422, 2.4238

Details

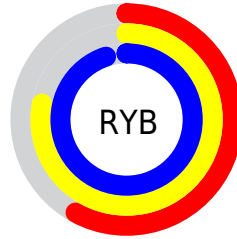
The RYB color **148, 198, 241** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **241, 148, 161**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **205, 230, 255**, and **91, 141, 185** is the 20% darker color. If you saturate the color by 10%, you get **124, 187, 241**, and if you desaturate by 10%, it is **172, 209, 241**.

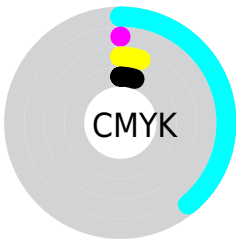
Distribution



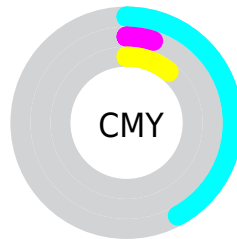
- Red (58%)
- Green (95%)
- Blue (89%)



- Red (58%)
- Yellow (78%)
- Blue (95%)



- Cyan (39%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (42%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 198, 241 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 148, 198, 241 by changing the saturation by 10% instead.


 148, 198, 241

255, 255, 255


 205, 230, 255


 235, 245, 255

 148, 198, 241

 120, 169, 212

 91, 141, 185

 62, 112, 157

 28, 82, 131

 0, 55, 105


 0, 43, 81


 0, 30, 57

 0, 20, 36


 0, 0, 3

 148, 198, 241


 148, 198, 241

 124, 187, 241


 172, 209, 241

 100, 176, 241


 196, 220, 241

 76, 165, 241


 220, 231, 241

 52, 154, 241


 244, 241, 241

 28, 143, 241

 255, 241, 245

 3, 131, 241

 255, 241, 248

 0, 130, 241

 255, 241, 252

 255, 241, 255

Harmonies

Analogous

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



176, 223, 239



148, 198, 241



138, 192, 255

Triad

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



148, 198, 241



235, 215, 255



253, 255, 172

Complementary

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



148, 198, 241



241, 148, 161

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, 210, 192



148, 198, 241



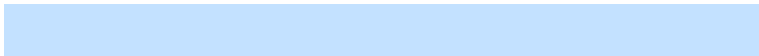
255, 207, 250

Square

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



148, 198, 241



195, 215, 255



255, 203, 221



188, 241, 166

Rectangle

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



148, 198, 241



148, 196, 255



255, 203, 221



255, 236, 178

Sweetspot

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



148, 198, 241



224, 241, 255



148, 241, 227



110, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



148, 198, 241



138, 201, 255



148, 184, 241



108, 115, 120



0, 99, 184



0, 30, 56

Inverse Universe

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



241, 148, 161



255, 138, 154



241, 199, 148



120, 108, 110



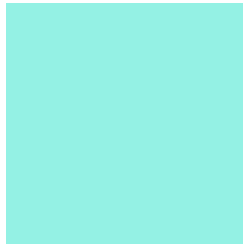
184, 0, 26



56, 0, 8

Previews

White Background



This preview shows how the RYB color 148, 198, 241 looks on a white background.

Color Contrast Check

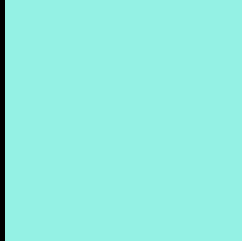
Large Text (above 18pt) WCAG AA × Fail

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 148, 198, 241 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

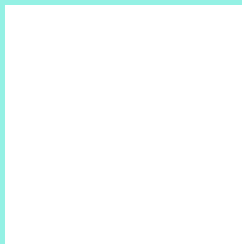
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 148, 198, 241 Background



This preview shows how black text looks on a background with the RYB color 148, 198, 241.

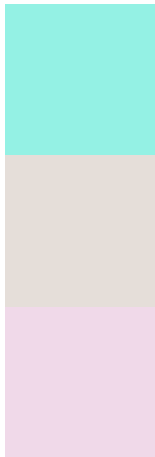


This preview shows how white text looks on a background with the RYB color 148, 198, 241.

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
148, 198, 241

Protanopia
229, 226, 217

Deuteranopia
240, 217, 233



Tritanopia
158, 201, 255

Trichromacy



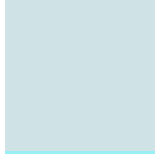
Original Color

148, 198, 241



Protanomaly

200, 217, 229



Deuteranomaly

207, 218, 231



Tritanomaly

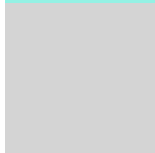
154, 198, 245

Monochromacy



Original Color

148, 198, 241



Achromatopsia

212, 212, 212



Achromatomaly

189, 207, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 198, 241 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(148, 241, 228)` looks like.

```
.text, #text, p{  
    color:rgb(148, 241, 228)  
}
```

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(148, 241, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 241, 228) }
```

Border

The CSS property to change the border of an element to RYB 148, 198, 241 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(148, 241, 228) }
```

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

```
.border{ border-color:rgb(148, 241, 228) }
```

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

Here you see how a box with a 4 pixel rgb(148, 241, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 241, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 241, 228);  
box-shadow:4px 4px 4px 4px rgb(148, 241,  
228) }
```

Background

The CSS property to change the background color of an element to RYB 148, 198, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 241, 228) }
```

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

```
.background{ background-color: rgb(148,  
241, 228) }
```

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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