

Converting Colors

`RYB(148, 225, 247)`

Have a look what the booklet for
RYB(148, 225, 247) contains.

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Color

R_YB(148, 225, 247)

Conversions

Conversions Part 1

Format	Color
Hex	94F7B0
RGB	148, 247, 176
RGB Percent	58%, 97%, 69%
CMY	0.4196, 0.0314, 0.3087
CMYK	0.40, 0.00, 0.29, 0.03
HSL	137°, 86%, 77%
HSV	137°, 40%, 97%
XYZ	53.3383, 75.9633, 53.0738
YIQ	209.3050, -36.2130, -43.0690

Conversions

Conversions Part 2

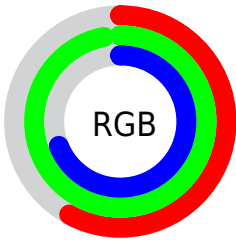
Format	Color
RYB	148, 225, 247
Decimal	9762736
CIELab	89.84, -43.80, 25.09
CIELCh	90, 50.475, 150.197
Yxy	75.9633, 0.2925, 0.4165
Android (android.graphics.Color)	4287952816 (0xFF94F7B0)
YUV	209.3050, -16.4194, -53.7645
Hunter-Lab	87.1570, -43.2863, 24.9055

Details

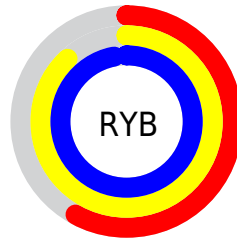
The RYB color **148, 225, 247** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **247, 148, 219**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **205, 237, 255**, and **92, 166, 190** is the 20% darker color. If you saturate the color by 10%, you get **123, 219, 247**, and if you desaturate by 10%, it is **173, 231, 247**.

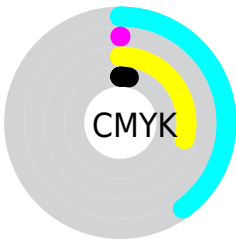
Distribution



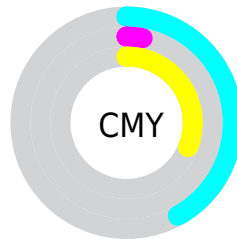
- Red (58%)
- Green (97%)
- Blue (69%)



- Red (58%)
- Yellow (88%)
- Blue (97%)



- Cyan (40%)
- Magenta (0%)
- Yellow (29%)
- Black (3%)



- Cyan (42%)
- Magenta (3%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 225, 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 148, 225, 247 by changing the saturation by 10% instead.


 148, 225, 247

255, 255, 255


 205, 237, 255


 235, 245, 255

 148, 225, 247

 120, 196, 218

 92, 166, 190

 63, 136, 162

 29, 104, 136

 0, 76, 110

 0, 64, 85

 0, 56, 60

 0, 39, 39

 0, 0, 0

 148, 225, 247

 148, 225, 247

 123, 219, 247

 173, 231, 247

 99, 214, 247


 197, 235, 247

 74, 209, 247

 222, 242, 247

 49, 203, 247

 247, 247, 247

 25, 198, 247

 255, 247, 255

 0, 192, 247

Harmonies

Analogous

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



140, 237, 170



148, 225, 247



72, 169, 251

Triad

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



148, 225, 247



153, 197, 255



255, 194, 180

Complementary

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



148, 225, 247



247, 148, 219

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, 188, 227



148, 225, 247



231, 213, 255

Square

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



148, 225, 247



39, 144, 255



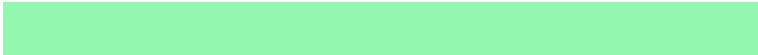
255, 196, 255



230, 255, 143

Rectangle

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



148, 225, 247



0, 126, 255



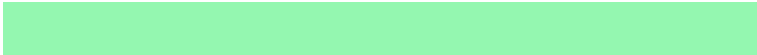
255, 196, 255



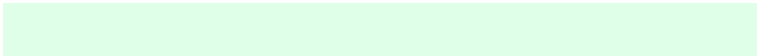
255, 189, 195

Sweetspot

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



148, 225, 247



224, 248, 255



148, 247, 176



110, 124, 128



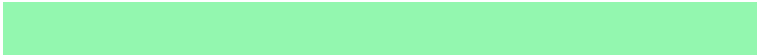
0, 0, 0



128, 128, 128

Same Dimension

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



148, 225, 247



133, 228, 255



148, 203, 247



110, 119, 122



0, 145, 186



0, 46, 59

Inverse Universe

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



247, 148, 219



255, 133, 220



247, 148, 169



122, 110, 119



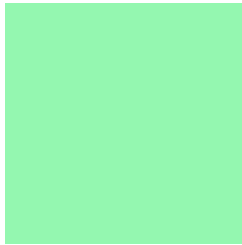
186, 0, 133



59, 0, 42

Previews

White Background



This preview shows how the RYB color 148, 225, 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 148, 225, 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 148, 225, 247 Background



This preview shows how black text looks on a background with the RYB color 148, 225, 247.

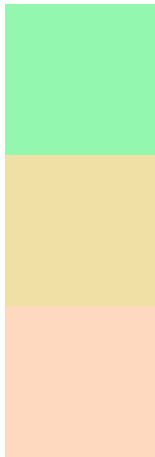


This preview shows how white text looks on a background with the RYB color 148, 225, 247.

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
148, 225, 247

Protanopia
188, 241, 166

Deuteranopia
255, 235, 191



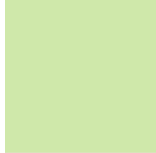
Tritanopia
167, 206, 255

Trichromacy



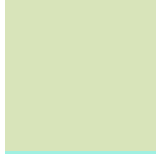
Original Color

148, 225, 247



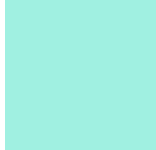
Protanomaly

170, 232, 195



Deuteranomaly

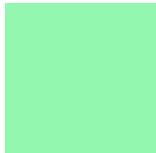
186, 228, 198



Tritanomaly

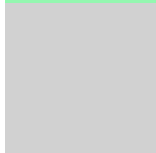
160, 204, 240

Monochromacy



Original Color

148, 225, 247



Achromatopsia

209, 209, 209



Achromatomaly

187, 215, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 148, 225, 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(148, 247, 176) looks like.

```
.text, #text, p{  
    color:rgb(148, 247, 176)  
}
```

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, 247, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 247, 176) }
```

Border

The CSS property to change the border of an element to RYB 148, 225, 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(148, 247, 176) }
```

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

```
.border{ border-color:rgb(148, 247, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 247, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 247, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 247, 176);  
box-shadow:4px 4px 4px 4px rgb(148, 247,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 148, 225, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 247, 176) }
```

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

```
.background{ background-color: rgb(148,  
247, 176) }
```

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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