

Converting Colors

`RYB(144, 208, 248)`

Have a look what the booklet for
RYB(144, 208, 248) contains.

RYB(144, 208, 248)	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

R_YB(144, 208, 248)

Conversions

Conversions Part 1

Format	Color
Hex	90F8D1
RGB	144, 248, 209
RGB Percent	56%, 97%, 82%
CMY	0.4353, 0.0275, 0.1804
CMYK	0.42, 0.00, 0.16, 0.03
HSL	158°, 88%, 77%
HSV	158°, 42%, 97%
XYZ	56.5776, 77.6675, 72.3310
YIQ	212.4580, -49.4650, -34.1770

Conversions

Conversions Part 2

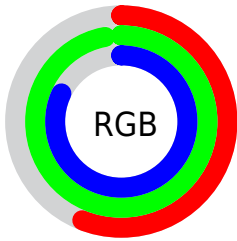
Format	Color
RYB	144, 208, 248
Decimal	9500881
CIELab	90.63, -39.00, 9.33
CIELCh	91, 40.102, 166.543
Yxy	77.6675, 0.2739, 0.3760
Android (android.graphics.Color)	4287690961 (0xFF90F8D1)
YUV	212.4580, -1.7048, -60.0377
Hunter-Lab	88.1292, -39.6318, 13.0289

Details

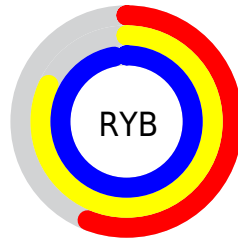
The RYB color **144, 208, 248** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **248, 144, 183**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **202, 229, 255**, and **87, 150, 191** is the 20% darker color. If you saturate the color by 10%, you get **119, 198, 248**, and if you desaturate by 10%, it is **169, 218, 248**.

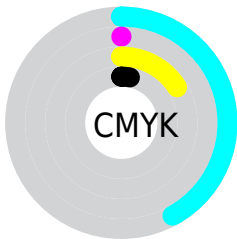
Distribution



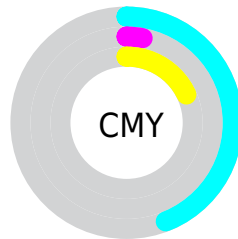
- Red (56%)
- Green (97%)
- Blue (82%)



- Red (56%)
- Yellow (82%)
- Blue (97%)



- Cyan (42%)
- Magenta (0%)
- Yellow (16%)
- Black (3%)



- Cyan (44%)
- Magenta (3%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 208, 248 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 144, 208, 248 by changing the saturation by 10% instead.

 144, 208, 248


255, 255, 255


 202, 229, 255

 231, 243, 255

 144, 208, 248

 116, 179, 219

 87, 150, 191

 57, 121, 164


 17, 87, 137

 0, 65, 111

 0, 52, 86


 0, 40, 62

 0, 30, 40


 0, 4, 4

 144, 208, 248


 144, 208, 248

 119, 198, 248


 169, 218, 248

 94, 189, 248


 194, 227, 248

 70, 180, 248

 218, 236, 248

 45, 170, 248

 243, 246, 248

 20, 160, 248

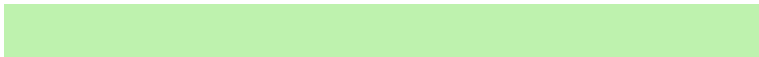
 255, 248, 255

 0, 153, 248

Harmonies

Analogous

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



174, 242, 226



144, 208, 248



105, 177, 249

Triad

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



144, 208, 248



209, 220, 255



255, 230, 174

Complementary

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



144, 208, 248



248, 144, 183

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, 200, 208



144, 208, 248



255, 211, 255

Square

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



144, 208, 248



150, 198, 255



255, 201, 247



208, 255, 154

Rectangle

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



144, 208, 248



98, 174, 255



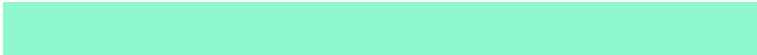
255, 201, 247



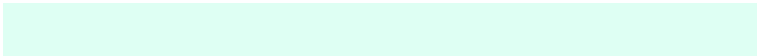
255, 212, 184

Sweetspot

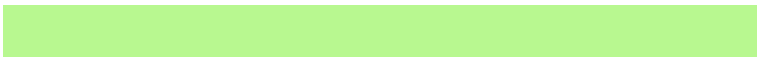
The Sweet Spot groups the original color and five complimentary colors.



144, 208, 248



222, 242, 255



144, 248, 208



107, 120, 128



0, 0, 0



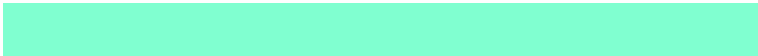
128, 128, 128

Same Dimension

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



144, 208, 248



128, 206, 255



144, 193, 248



112, 120, 125



0, 116, 189



0, 38, 61

Inverse Universe

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



248, 144, 183



255, 128, 175



248, 158, 144



125, 112, 117



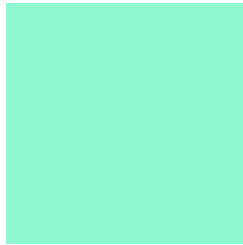
189, 0, 71



61, 0, 23

Previews

White Background



This preview shows how the RYB color 144, 208, 248 looks on a white background.

Color Contrast Check

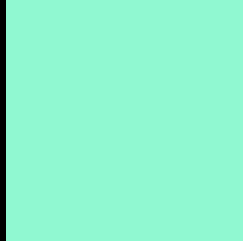
Large Text (above 18pt) WCAG AA × Fail

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 144, 208, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

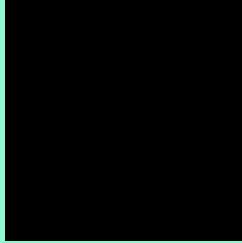
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

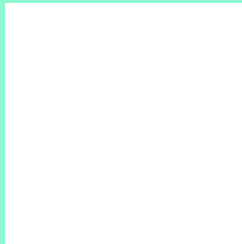
Any Text WCAG AAA ✓ Pass

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

R-Y-B 144, 208, 248 Background



This preview shows how black text looks on a background with the RYB color 144, 208, 248.

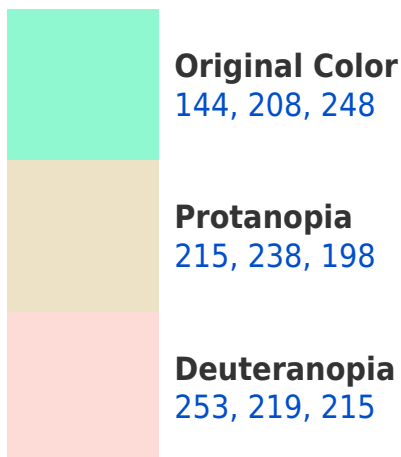


This preview shows how white text looks on a background with the RYB color 144, 208, 248.

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





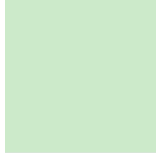
Tritanopia
171, 209, 255

Trichromacy



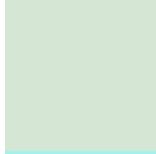
Original Color

144, 208, 248



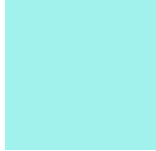
Protanomaly

202, 234, 232



Deuteranomaly

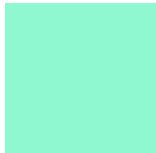
213, 230, 230



Tritanomaly

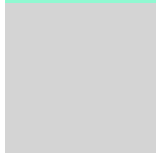
161, 203, 242

Monochromacy



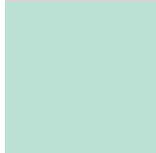
Original Color

144, 208, 248



Achromatopsia

212, 212, 212



Achromatomaly

187, 210, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 208, 248 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(144, 248, 209)` looks like.

```
.text, #text, p{  
    color:rgb(144, 248, 209)  
}
```

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(144, 248, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 248, 209) }
```

Border

The CSS property to change the border of an element to RYB 144, 208, 248 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(144, 248, 209) }
```

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

```
.border{ border-color:rgb(144, 248, 209) }
```

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

Here you see how a box with a 4 pixel rgb(144, 248, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 248, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 248, 209);  
box-shadow:4px 4px 4px 4px rgb(144, 248,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 144, 208, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 248, 209) }
```

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

```
.background{ background-color: rgb(144,  
248, 209) }
```

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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