

Converting Colors

`RYB(144, 214, 244)`

Have a look what the booklet for
RYB(144, 214, 244) contains.

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Color

R_YB(144, 214, 244)

Conversions

Conversions Part 1

Format	Color
Hex	90F4BB
RGB	144, 244, 187
RGB Percent	56%, 96%, 73%
CMY	0.4353, 0.0431, 0.2672
CMYK	0.41, 0.00, 0.23, 0.04
HSL	146°, 82%, 76%
HSV	146°, 41%, 96%
XYZ	52.8066, 74.2124, 58.4748
YIQ	207.6020, -41.3030, -38.9270

Conversions

Conversions Part 2

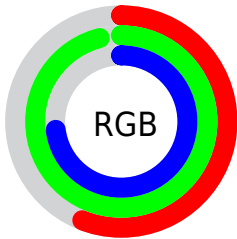
Format	Color
RYB	144, 214, 244
Decimal	9499835
CIELab	89.02, -41.64, 18.51
CIELCh	89, 45.569, 156.039
Yxy	74.2124, 0.2847, 0.4001
Android (android.graphics.Color)	4287689915 (0xFF90F4BB)
YUV	207.6020, -10.1568, -55.7790
Hunter-Lab	86.1466, -41.3387, 20.0576

Details

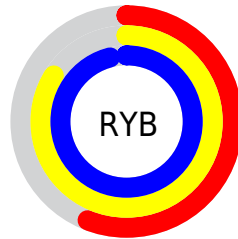
The RYB color **144, 214, 244** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **244, 144, 201**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **201, 231, 255**, and **88, 156, 187** is the 20% darker color. If you saturate the color by 10%, you get **120, 207, 244**, and if you desaturate by 10%, it is **168, 221, 244**.

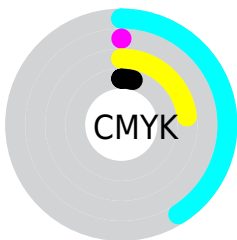
Distribution



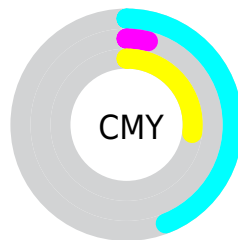
- Red (56%)
- Green (96%)
- Blue (73%)



- Red (56%)
- Yellow (84%)
- Blue (96%)



- Cyan (41%)
- Magenta (0%)
- Yellow (23%)
- Black (4%)



- Cyan (44%)
- Magenta (4%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 144, 214, 244 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, 214, 244 by changing the saturation by 10% instead.


 144, 214, 244

 144, 214, 244


255, 255, 255

 116, 185, 215

 201, 231, 255

 88, 156, 187

 231, 243, 255

 58, 126, 160

 23, 94, 133

 0, 69, 107

 0, 56, 82

 0, 45, 58

 0, 37, 37


 0, 0, 0

 144, 214, 244


 144, 214, 244

 120, 207, 244


 168, 221, 244

 95, 199, 244


 193, 229, 244

 71, 192, 244

 217, 236, 244

 46, 185, 244

 242, 243, 244

 22, 177, 244

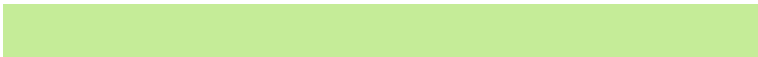
 255, 244, 255

 0, 171, 244

Harmonies

Analogous

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



152, 236, 191



144, 214, 244



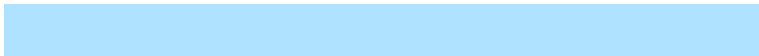
84, 170, 247

Triad

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



144, 214, 244



175, 206, 255



255, 202, 175

Complementary

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



144, 214, 244



244, 144, 201

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, 190, 216



144, 214, 244



240, 209, 255

Square

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



144, 214, 244



100, 173, 255



255, 195, 255



224, 255, 145

Rectangle

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



144, 214, 244



46, 148, 255



255, 195, 255



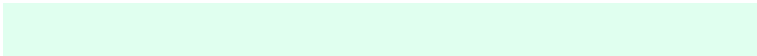
255, 192, 188

Sweetspot

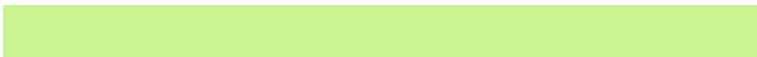
The Sweet Spot groups the original color and five complimentary colors.



144, 214, 244



224, 245, 255



144, 244, 186



110, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



144, 214, 244



130, 217, 255



144, 196, 244



110, 118, 122



0, 130, 186



0, 41, 59

Inverse Universe

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



244, 144, 201



255, 130, 201



244, 144, 152



122, 110, 117



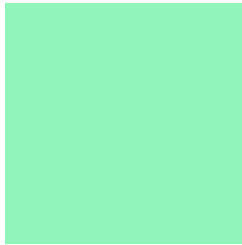
186, 0, 106



59, 0, 34

Previews

White Background



This preview shows how the RYB color 144, 214, 244 looks on a white background.

Color Contrast Check

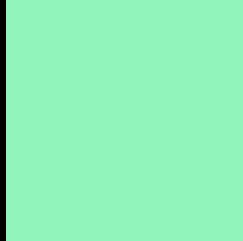
Large Text (above 18pt) WCAG AA × Fail

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, 214, 244 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 144, 214, 244 Background



This preview shows how black text looks on a background with the RYB color 144, 214, 244.

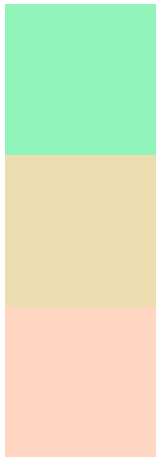


This preview shows how white text looks on a background with the RYB color 144, 214, 244.

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
144, 214, 244

Protanopia
194, 236, 176

Deuteranopia
254, 225, 193



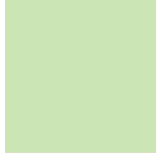
Tritanopia
159, 201, 254

Trichromacy



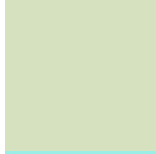
Original Color

144, 214, 244



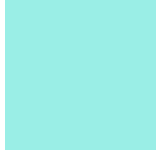
Protanomaly

180, 230, 207



Deuteranomaly

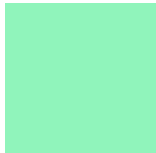
191, 225, 202



Tritanomaly

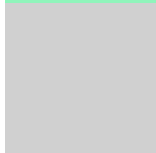
154, 198, 238

Monochromacy



Original Color

144, 214, 244



Achromatopsia

208, 208, 208



Achromatomaly

185, 210, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 214, 244 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, 244, 187)` looks like.

```
.text, #text, p{  
    color:rgb(144, 244, 187)  
}
```

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, 244, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 244, 187) }
```

Border

The CSS property to change the border of an element to RYB 144, 214, 244 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, 244, 187) }
```

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

```
.border{ border-color:rgb(144, 244, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 244, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 244, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 244, 187); box-shadow:4px 4px 4px 4px rgb(144, 244, 187) }
```

Background

The CSS property to change the background color of an element to RYB 144, 214, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 244, 187) }
```

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

```
.background{ background-color: rgb(144,  
244, 187) }
```

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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