

Converting Colors

`RYB(142, 204, 239)`

Have a look what the booklet for
RYB(142, 204, 239) contains.

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Color

R_YB(142, 204, 239)

Conversions

Conversions Part 1

Format	Color
Hex	8EEFC5
RGB	142, 239, 197
RGB Percent	56%, 94%, 77%
CMY	0.4431, 0.0627, 0.2284
CMYK	0.41, 0.00, 0.18, 0.06
HSL	154°, 75%, 75%
HSV	154°, 41%, 94%
XYZ	52.0722, 71.5039, 63.7352
YIQ	205.2090, -44.3300, -33.6260

Conversions

Conversions Part 2

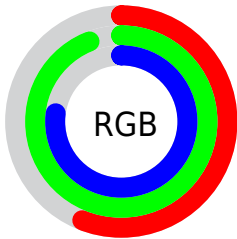
Format	Color
RYB	142, 204, 239
Decimal	9367493
CIELab	87.73, -37.98, 11.54
CIELCh	88, 39.696, 163.098
Yxy	71.5039, 0.2780, 0.3817
Android (android.graphics.Color)	4287557573 (0xFF8EEFC5)
YUV	205.2090, -4.0470, -55.4343
Hunter-Lab	84.5600, -38.0594, 14.5035

Details

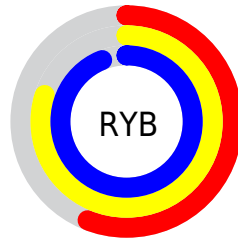
The RYB color **142, 204, 239** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **239, 142, 184**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **199, 227, 255**, and **86, 146, 182** is the 20% darker color. If you saturate the color by 10%, you get **118, 195, 239**, and if you desaturate by 10%, it is **166, 213, 239**.

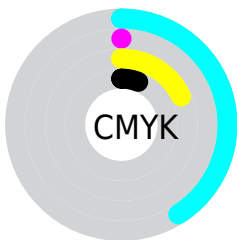
Distribution



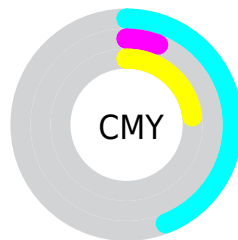
- Red (56%)
- Green (94%)
- Blue (77%)



- Red (56%)
- Yellow (80%)
- Blue (94%)



- Cyan (41%)
- Magenta (0%)
- Yellow (18%)
- Black (6%)



- Cyan (44%)
- Magenta (6%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 204, 239 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 142, 204, 239 by changing the saturation by 10% instead.


 142, 204, 239


255, 255, 255


 199, 228, 255


 228, 242, 255

 142, 204, 239

 114, 175, 210


 86, 146, 182


 57, 118, 155

 21, 86, 129

 0, 62, 103

 0, 49, 78


 0, 37, 55

 0, 34, 34


 0, 0, 0

 142, 204, 239


 142, 204, 239

 118, 195, 239


 166, 213, 239

 94, 187, 239


 190, 221, 239

 70, 178, 239

 214, 230, 239

 46, 169, 239

 238, 239, 239

 22, 160, 239

 255, 239, 249

 0, 153, 239

 255, 239, 255

Harmonies

Analogous

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



164, 233, 210



142, 204, 239



101, 172, 241

Triad

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



142, 204, 239



194, 211, 255



255, 212, 170

Complementary

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



142, 204, 239



239, 142, 184

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, 192, 205



142, 204, 239



246, 204, 255

Square

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



142, 204, 239



136, 189, 255



255, 194, 243



226, 255, 148

Rectangle

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



142, 204, 239



89, 168, 255



255, 194, 243



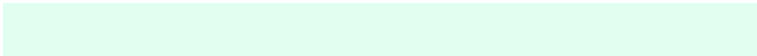
255, 198, 181

Sweetspot

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



142, 204, 239



224, 244, 255



142, 239, 195



110, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



142, 204, 239



130, 210, 255



142, 189, 239



108, 116, 120



0, 118, 184



0, 36, 56

Inverse Universe

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



239, 142, 184



255, 130, 184



239, 147, 142



120, 108, 113



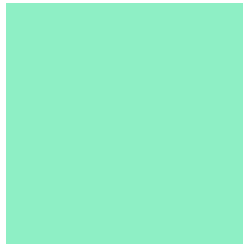
184, 0, 80



56, 0, 24

Previews

White Background



This preview shows how the RYB color 142, 204, 239 looks on a white background.

Color Contrast Check

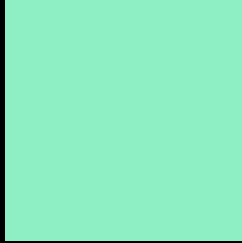
Large Text (above 18pt) WCAG AA × Fail

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 142, 204, 239 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](#).

RYP 142, 204, 239 Background



This preview shows how black text looks on a background with the RYP color 142, 204, 239.

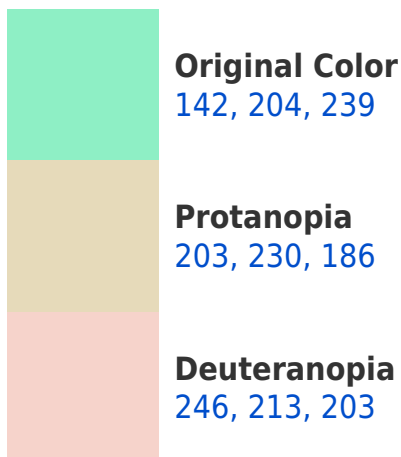



This preview shows how white text looks on a background with the RYP color 142, 204, 239.

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





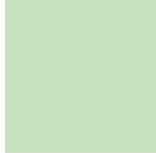
Tritanopia
155, 198, 250

Trichromacy



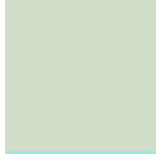
Original Color

142, 204, 239



Protanomaly

190, 226, 218



Deuteranomaly

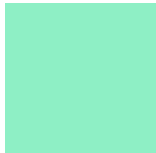
201, 221, 214



Tritanomaly

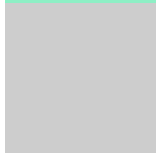
150, 194, 235

Monochromacy



Original Color

142, 204, 239



Achromatopsia

205, 205, 205



Achromatomaly

182, 204, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 204, 239 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(142, 239, 197)` looks like.

```
.text, #text, p{  
    color:rgb(142, 239, 197)  
}
```

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(142, 239, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 239, 197) }
```

Border

The CSS property to change the border of an element to RYB 142, 204, 239 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(142, 239, 197) }
```

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

```
.border{ border-color:rgb(142, 239, 197) }
```

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

Here you see how a box with a 4 pixel rgb(142, 239, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 239, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 239, 197);  
box-shadow:4px 4px 4px 4px rgb(142, 239,  
197) }
```

Background

The CSS property to change the background color of an element to RYB 142, 204, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 239, 197) }
```

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

```
.background{ background-color: rgb(142,  
239, 197) }
```

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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