

Converting Colors

`RYB(139, 204, 228)`

Have a look what the booklet for
RYB(139, 204, 228) contains.

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Color

R_YB(139, 204, 228)

Conversions

Conversions Part 1

Format	Color
Hex	8BE4AC
RGB	139, 228, 172
RGB Percent	55%, 89%, 67%
CMY	0.4549, 0.1059, 0.3260
CMYK	0.39, 0.00, 0.25, 0.11
HSL	142°, 62%, 72%
HSV	142°, 39%, 89%
XYZ	45.8240, 63.9490, 48.8883
YIQ	195.0050, -35.0680, -36.2840

Conversions

Conversions Part 2

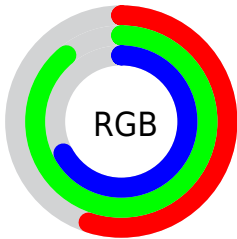
Format	Color
RYB	139, 204, 228
Decimal	9168044
CIELab	83.94, -38.71, 19.16
CIELCh	84, 43.193, 153.665
Yxy	63.9490, 0.2888, 0.4031
Android (android.graphics.Color)	4287358124 (0xFF8BE4AC)
YUV	195.0050, -11.3415, -49.1164
Hunter-Lab	79.9681, -37.6588, 19.7309

Details

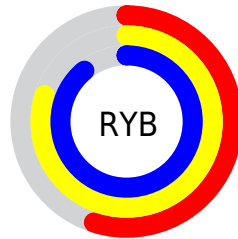
The RYB color **139, 204, 228** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **228, 139, 195**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **195, 234, 255**, and **84, 146, 172** is the 20% darker color. If you saturate the color by 10%, you get **116, 198, 228**, and if you desaturate by 10%, it is **162, 210, 228**.

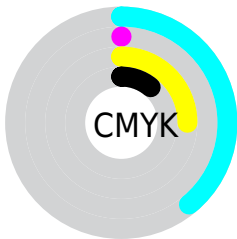
Distribution



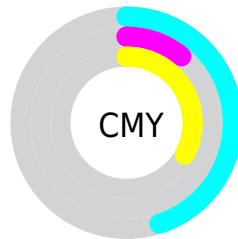
- Red (55%)
- Green (89%)
- Blue (67%)



- Red (55%)
- Yellow (80%)
- Blue (89%)



- Cyan (39%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)



- Cyan (45%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 204, 228 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 139, 204, 228 by changing the saturation by 10% instead.

 139, 204, 228


255, 255, 255


 195, 234, 255


 224, 240, 255


254, 255, 255

 139, 204, 228

 111, 175, 200

 84, 147, 172

 56, 118, 145

 23, 87, 119

 0, 62, 94

 0, 50, 69


 0, 45, 46

 0, 22, 22


 0, 0, 0

 139, 204, 228


 139, 204, 228

 116, 198, 228


 162, 210, 228

 93, 192, 228


 185, 216, 228

 71, 186, 228

 207, 222, 228

 48, 180, 228

 230, 228, 229

 25, 173, 228

 253, 228, 244

 2, 167, 228

 255, 228, 255

 0, 167, 228

Harmonies

Analogous

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



140, 220, 172



139, 204, 228



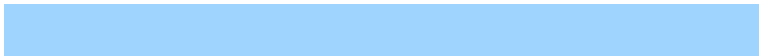
84, 162, 231

Triad

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



139, 204, 228



159, 193, 255



255, 186, 166

Complementary

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



139, 204, 228



228, 139, 195

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, 178, 206



139, 204, 228



221, 197, 255

Square

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



139, 204, 228



88, 163, 255



255, 184, 246



255, 247, 137

Rectangle

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



139, 204, 228



48, 142, 241



255, 184, 246



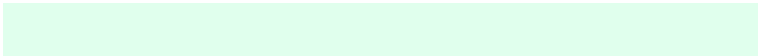
255, 180, 179

Sweetspot

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



139, 204, 228



224, 246, 255



139, 228, 172



110, 124, 128



0, 0, 0



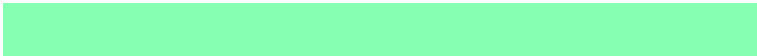
128, 128, 128

Same Dimension

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



139, 204, 228



135, 223, 255



139, 187, 228



103, 111, 115



0, 131, 179



0, 37, 51

Inverse Universe

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



228, 139, 195



255, 135, 211



228, 139, 151



115, 103, 111



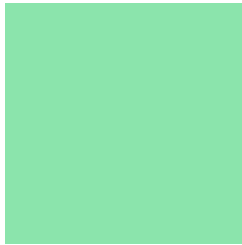
179, 0, 113



51, 0, 32

Previews

White Background



This preview shows how the RYB color 139, 204, 228 looks on a white background.

Color Contrast Check

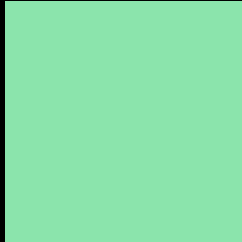
Large Text (above 18pt) WCAG AA × Fail

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 139, 204, 228 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 139, 204, 228 Background



This preview shows how black text looks on a background with the R Y B color 139, 204, 228.

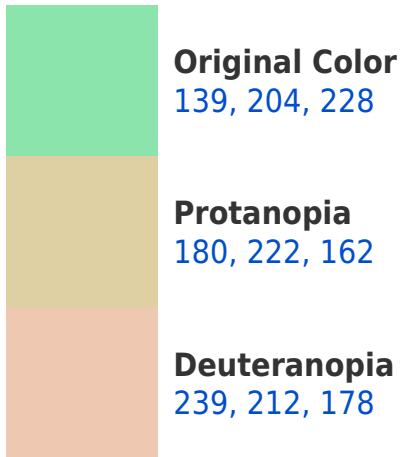



This preview shows how white text looks on a background with the R Y B color 139, 204, 228.

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





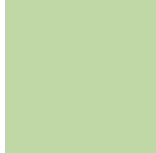
Tritanopia
153, 190, 237

Trichromacy



Original Color

139, 204, 228



Protanomaly

166, 215, 189



Deuteranomaly

176, 210, 183



Tritanomaly

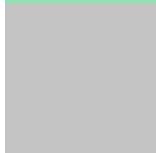
148, 187, 222

Monochromacy



Original Color

139, 204, 228



Achromatopsia

195, 195, 195



Achromatomaly

175, 198, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 204, 228 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(139, 228, 172)` looks like.

```
.text, #text, p{  
    color:rgb(139, 228, 172)  
}
```

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(139, 228, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 228, 172) }
```

Border

The CSS property to change the border of an element to RYB 139, 204, 228 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(139, 228, 172) }
```

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

```
.border{ border-color:rgb(139, 228, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 228, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 228, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 228, 172);  
box-shadow:4px 4px 4px 4px rgb(139, 228,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 139, 204, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 228, 172) }
```

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

```
.background{ background-color: rgb(139,  
228, 172) }
```

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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