

Converting Colors

`RYB(140, 197, 243)`

Have a look what the booklet for
RYB(140, 197, 243) contains.

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Color

R_YB(140, 197, 243)

Conversions

Conversions Part 1

Format	Color
Hex	8CF3DF
RGB	140, 243, 223
RGB Percent	55%, 95%, 87%
CMY	0.4510, 0.0471, 0.1250
CMYK	0.42, 0.00, 0.08, 0.05
HSL	168°, 81%, 75%
HSV	168°, 42%, 95%
XYZ	56.2017, 75.0110, 81.4153
YIQ	209.9230, -54.9680, -28.0560

Conversions

Conversions Part 2

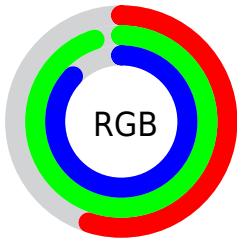
Format	Color
RYB	140, 197, 243
Decimal	9237471
CIELab	89.40, -34.63, 0.19
CIELCh	89, 34.634, 179.682
Yxy	75.0110, 0.2643, 0.3528
Android (android.graphics.Color)	4287427551 (0xFF8CF3DF)
YUV	209.9230, 6.4470, -61.3225
Hunter-Lab	86.6089, -35.7345, 4.8916

Details

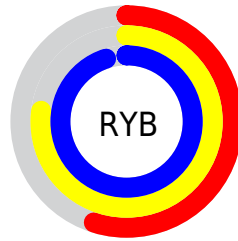
The RYB color **140, 197, 243** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **243, 140, 160**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **198, 227, 255**, and **82, 139, 186** is the 20% darker color. If you saturate the color by 10%, you get **116, 186, 243**, and if you desaturate by 10%, it is **164, 208, 243**.

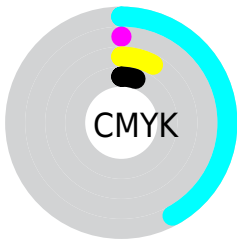
Distribution



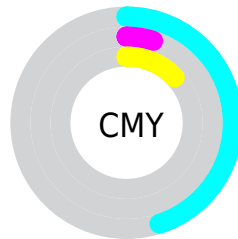
- Red (55%)
- Green (95%)
- Blue (87%)



- Red (55%)
- Yellow (77%)
- Blue (95%)



- Cyan (42%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)




- Cyan (45%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 197, 243 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 140, 197, 243 by changing the saturation by 10% instead.


 140, 197, 243


255, 255, 255


 198, 227, 255

 227, 241, 255

 140, 197, 243

 111, 168, 214


 82, 139, 186

 51, 110, 159

 1, 72, 133

 0, 58, 107


 0, 45, 82


 0, 32, 58

 0, 22, 37


 0, 0, 0

 140, 197, 243


 140, 197, 243

 116, 186, 243


 164, 208, 243

 91, 175, 243


 189, 219, 243

 67, 164, 243

 213, 230, 243

 43, 154, 243

 237, 240, 243

 19, 143, 243

 255, 243, 247

 0, 135, 243

 255, 243, 251

 255, 243, 255

Harmonies

Analogous

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



175, 228, 240



140, 197, 243



122, 185, 255

Triad

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



140, 197, 243



229, 216, 255



255, 251, 169

Complementary

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



140, 197, 243



243, 140, 160

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, 205, 193



140, 197, 243



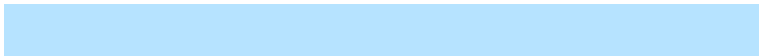
255, 206, 255

Square

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



140, 197, 243



182, 210, 255



255, 200, 226



198, 249, 159

Rectangle

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



140, 197, 243



129, 188, 255



255, 200, 226



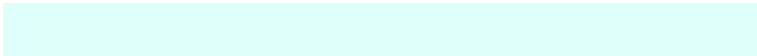
255, 230, 176

Sweetspot

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



140, 197, 243



222, 240, 255



140, 243, 222



107, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



140, 197, 243



125, 197, 255



140, 182, 243



110, 117, 122



0, 103, 186



0, 33, 59

Inverse Universe

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



243, 140, 160



255, 125, 150



243, 184, 140



122, 110, 113



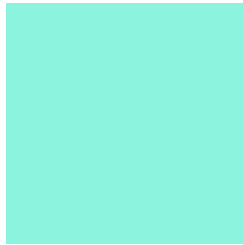
186, 0, 36



59, 0, 11

Previews

White Background



This preview shows how the RYB color 140, 197, 243 looks on a white background.

Color Contrast Check

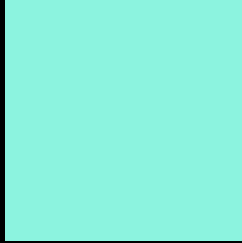
Large Text (above 18pt) WCAG AA × Fail

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 140, 197, 243 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 140, 197, 243 Background



This preview shows how black text looks on a background with the RYB color 140, 197, 243.

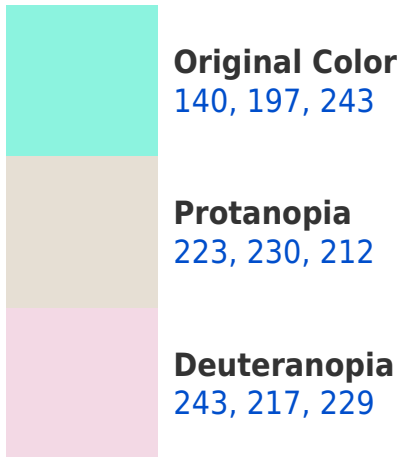


This preview shows how white text looks on a background with the RYB color 140, 197, 243.

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
156, 201, 255

Trichromacy



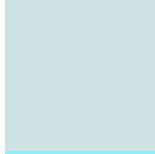
Original Color

140, 197, 243



Protanomaly

197, 218, 230



Deuteranomaly

206, 216, 227



Tritanomaly

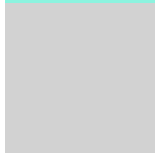
150, 195, 243

Monochromacy



Original Color

140, 197, 243



Achromatopsia

210, 210, 210



Achromatomaly

185, 205, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 197, 243 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(140, 243, 223)` looks like.

```
.text, #text, p{  
    color:rgb(140, 243, 223)  
}
```

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(140, 243, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 243, 223) }
```

Border

The CSS property to change the border of an element to RYB 140, 197, 243 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(140, 243, 223) }
```

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

```
.border{ border-color:rgb(140, 243, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 243, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 243, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 243, 223);  
box-shadow:4px 4px 4px 4px rgb(140, 243,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 140, 197, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 243, 223) }
```

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

```
.background{ background-color: rgb(140,  
243, 223) }
```

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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