

Converting Colors

`RYB(140, 198, 245)`

Have a look what the booklet for
RYB(140, 198, 245) contains.

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Color

RYB(140, 198, 245)

Conversions

Conversions Part 1

Format	Color
Hex	8CF5E1
RGB	140, 245, 225
RGB Percent	55%, 96%, 88%
CMY	0.4510, 0.0392, 0.1173
CMYK	0.43, 0.00, 0.08, 0.04
HSL	169°, 84%, 75%
HSV	169°, 43%, 96%
XYZ	57.0700, 76.3212, 83.0194
YIQ	211.3250, -56.1600, -28.4800

Conversions

Conversions Part 2

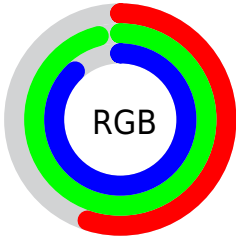
Format	Color
RYB	140, 198, 245
Decimal	9237985
CIELab	90.01, -35.11, 0.06
CIElCh	90, 35.113, 179.903
Yxy	76.3212, 0.2637, 0.3527
Android (android.graphics.Color)	4287428065 (0xFF8CF5E1)
YUV	211.3250, 6.7418, -62.5520
Hunter-Lab	87.3620, -36.2768, 4.8106

Details

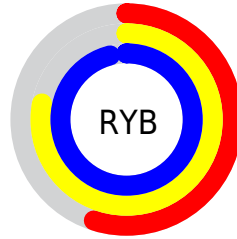
The RYB color **140, 198, 245** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **245, 140, 160**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **198, 227, 255**, and **82, 140, 188** is the 20% darker color. If you saturate the color by 10%, you get **116, 187, 245**, and if you desaturate by 10%, it is **165, 209, 245**.

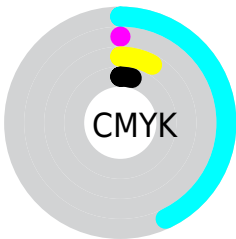
Distribution



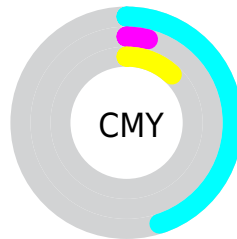
- Red (55%)
- Green (96%)
- Blue (88%)



- Red (55%)
- Yellow (78%)
- Blue (96%)



- Cyan (43%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)




- Cyan (45%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 198, 245 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, 198, 245 by changing the saturation by 10% instead.


 140, 198, 245


255, 255, 255


 198, 227, 255

 228, 242, 255

 140, 198, 245

 111, 169, 216


 82, 140, 188

 50, 110, 161

 0, 71, 134

 0, 59, 109

 0, 46, 84


 0, 34, 60

 0, 22, 38


 0, 0, 0

 140, 198, 245


 140, 198, 245

 116, 187, 245


 165, 209, 245

 91, 176, 245


 189, 220, 245

 66, 165, 245

 214, 231, 245

 42, 154, 245

 238, 242, 245

 17, 143, 245

 255, 245, 248

 0, 135, 245

 255, 245, 253

 255, 245, 255

Harmonies

Analogous

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



176, 229, 242



140, 198, 245



122, 186, 255

Triad

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



140, 198, 245



231, 218, 255



251, 255, 169

Complementary

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



140, 198, 245



245, 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, 206, 195



140, 198, 245



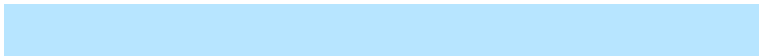
255, 207, 255

Square

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



140, 198, 245



183, 211, 255



255, 202, 228



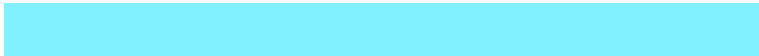
195, 250, 159

Rectangle

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



140, 198, 245



129, 188, 255



255, 202, 228



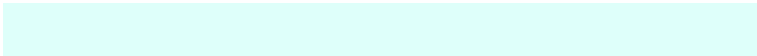
255, 233, 176

Sweetspot

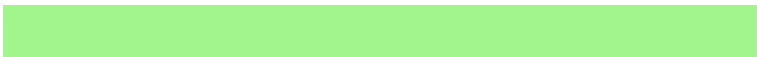
The Sweet Spot groups the original color and five complimentary colors.



140, 198, 245



222, 240, 255



140, 245, 224



107, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



140, 198, 245



125, 197, 255



140, 183, 245



110, 117, 122



0, 103, 186



0, 33, 59

Inverse Universe

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



245, 140, 160



255, 125, 150



245, 184, 140



122, 110, 112



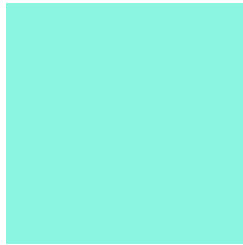
186, 0, 35



59, 0, 11

Previews

White Background



This preview shows how the RYB color 140, 198, 245 looks on a white background.

Color Contrast Check

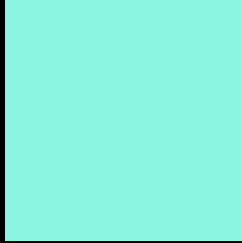
Large Text (above 18pt) WCAG AA × Fail

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, 198, 245 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, 198, 245 Background



This preview shows how black text looks on a background with the RYB color 140, 198, 245.



This preview shows how white text looks on a background with the RYB color 140, 198, 245.

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





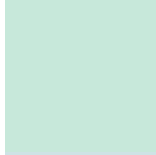
Tritanopia
162, 204, 255

Trichromacy



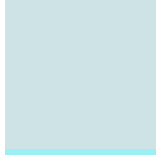
Original Color

140, 198, 245



Protanomaly

199, 220, 232



Deuteranomaly

206, 217, 229



Tritanomaly

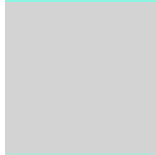
154, 198, 244

Monochromacy



Original Color

140, 198, 245



Achromatopsia

211, 211, 211



Achromatomaly

185, 206, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 198, 245 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, 245, 225)` looks like.

```
.text, #text, p{  
    color:rgb(140, 245, 225)  
}
```

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, 245, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 245, 225) }
```

Border

The CSS property to change the border of an element to RYB 140, 198, 245 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, 245, 225) }
```

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

```
.border{ border-color:rgb(140, 245, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 245, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 245, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 245, 225);  
box-shadow:4px 4px 4px 4px rgb(140, 245,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 140, 198, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 245, 225) }
```

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

```
.background{ background-color: rgb(140,  
245, 225) }
```

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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