

Converting Colors

`RYB(140, 183, 225)`

Have a look what the booklet for
RYB(140, 183, 225) contains.

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Color

R_YB(140, 183, 225)

Conversions

Conversions Part 1

Format	Color
Hex	8CE1DF
RGB	140, 225, 223
RGB Percent	55%, 88%, 87%
CMY	0.4510, 0.1176, 0.1254
CMYK	0.38, 0.00, 0.01, 0.12
HSL	179°, 59%, 72%
HSV	179°, 38%, 88%
XYZ	51.0629, 64.7548, 79.6361
YIQ	199.3570, -50.0180, -18.6420

Conversions

Conversions Part 2

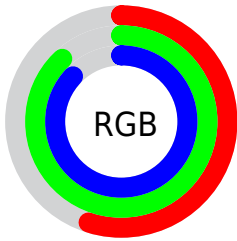
Format	Color
RYB	140, 183, 225
Decimal	9232863
CIELab	84.36, -26.11, -7.17
CIElCh	84, 27.073, 195.351
Yxy	64.7548, 0.2613, 0.3313
Android (android.graphics.Color)	4287422943 (0xFF8CE1DF)
YUV	199.3570, 11.6560, -52.0561
Hunter-Lab	80.4704, -27.5552, -2.3460

Details

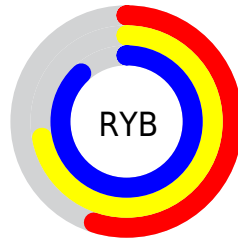
The RYB color **140, 183, 225** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **225, 140, 142**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **197, 226, 255**, and **84, 127, 169** is the 20% darker color. If you saturate the color by 10%, you get **118, 172, 225**, and if you desaturate by 10%, it is **163, 194, 225**.

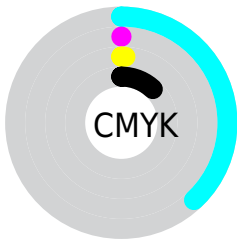
Distribution



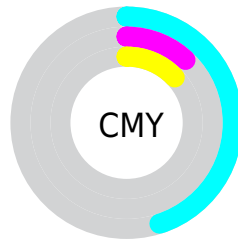
- Red (55%)
- Green (88%)
- Blue (87%)



- Red (55%)
- Yellow (72%)
- Blue (88%)



- Cyan (38%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)





- Cyan (45%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RYB color 140, 183, 225 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, 183, 225 by changing the saturation by 10% instead.


 140, 183, 225

 140, 183, 225

255, 255, 255

 112, 155, 197

 197, 226, 255


 84, 127, 169

 226, 241, 255


 55, 99, 143

 18, 68, 117

 0, 46, 92


 0, 34, 68


 0, 23, 46


 0, 13, 25


 0, 0, 0

 140, 183, 225


 140, 183, 225

 118, 172, 225


 163, 194, 225

 95, 161, 225


 185, 205, 225

 73, 150, 225

 208, 217, 225

 50, 139, 225

 230, 225, 225

 28, 128, 225

 253, 225, 226

 5, 116, 225

 255, 225, 226

 0, 114, 225

 255, 225, 227

 255, 225, 228

Harmonies

Analogous

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



159, 200, 224



140, 183, 225



141, 187, 246

Triad

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



140, 183, 225



231, 200, 247



228, 241, 162

Complementary

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



140, 183, 225



225, 140, 142

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, 175



140, 183, 225



254, 193, 224

Square

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



140, 183, 225



198, 207, 255



255, 192, 198



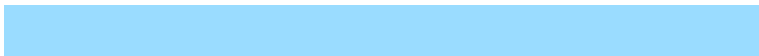
164, 216, 161

Rectangle

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



140, 183, 225



154, 194, 255



255, 192, 198



248, 232, 165

Sweetspot

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



140, 183, 225



227, 241, 255



140, 225, 222



111, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



140, 183, 225



140, 198, 255



140, 169, 225



101, 107, 112



0, 89, 176



0, 24, 48

Inverse Universe

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



225, 140, 142



255, 140, 143



225, 216, 140



112, 101, 101



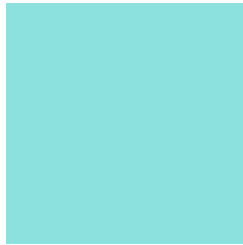
176, 0, 4



48, 0, 1

Previews

White Background



This preview shows how the RYB color 140, 183, 225 looks on a white background.

Color Contrast Check

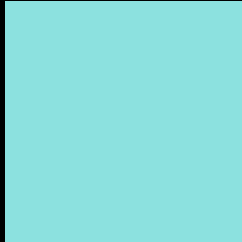
Large Text (above 18pt) WCAG AA × Fail

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, 183, 225 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, 183, 225 Background



This preview shows how black text looks on a background with the RYB color 140, 183, 225.

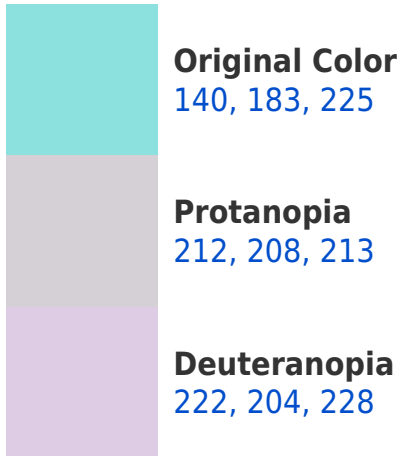



This preview shows how white text looks on a background with the RYB color 140, 183, 225.

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
145, 188, 240

Trichromacy



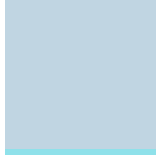
Original Color

140, 183, 225



Protanomaly

186, 201, 217



Deuteranomaly

192, 205, 226



Tritanomaly

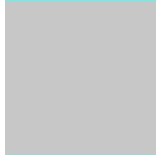
143, 186, 234

Monochromacy



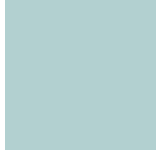
Original Color

140, 183, 225



Achromatopsia

199, 199, 199



Achromatomaly

178, 193, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 183, 225 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, 225, 223)` looks like.

```
.text, #text, p{  
    color:rgb(140, 225, 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, 225, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 225, 223) }
```

Border

The CSS property to change the border of an element to RYB 140, 183, 225 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, 225, 223) }
```

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

```
.border{ border-color:rgb(140, 225, 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, 225, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 225, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 225, 223);  
box-shadow:4px 4px 4px 4px rgb(140, 225,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 140, 183, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 225, 223) }
```

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

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