

Converting Colors

`RYB(140, 181, 223)`

Have a look what the booklet for RYB(140, 181, 223) contains.

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Color

$\text{RYB}(140, 181, 223)$

Conversions

Conversions Part 1

Format	Color
Hex	8CDDDF
RGB	140, 221, 223
RGB Percent	55%, 87%, 87%
CMY	0.4510, 0.1332, 0.1255
CMYK	0.37, 0.01, 0.00, 0.13
HSL	181°, 56%, 71%
HSV	181°, 37%, 87%
XYZ	49.9972, 62.6286, 79.2654
YIQ	197.0090, -48.9180, -16.5500

Conversions

Conversions Part 2

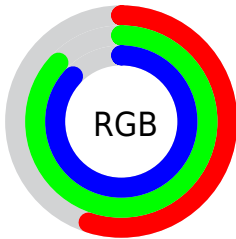
Format	Color
R _{YB}	140, 181, 223
Decimal	9231839
CIE Lab	83.25, -24.17, -8.80
CIE LCh	83, 25.720, 200.012
Yxy	62.6286, 0.2605, 0.3264
Android (android.graphics.Color)	4287421919 (0xFF8CDDDF)
YUV	197.0090, 12.8136, -49.9969
Hunter-Lab	79.1383, -25.7209, -3.9885

Details

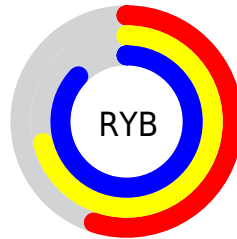
The RYB color **140, 181, 223** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **223, 142, 140**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **197, 226, 255**, and **84, 125, 168** is the 20% darker color. If you saturate the color by 10%, you get **118, 170, 223**, and if you desaturate by 10%, it is **162, 192, 223**.

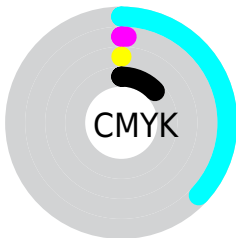
Distribution



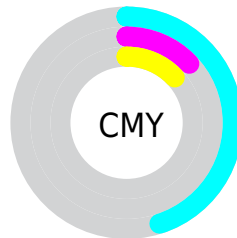
- Red (55%)
- Green (87%)
- Blue (87%)



- Red (55%)
- Yellow (71%)
- Blue (87%)



- Cyan (37%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)




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

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 181, 223 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, 181, 223 by changing the saturation by 10% instead.


 140, 181, 223


255, 255, 255

 197, 226, 255

 226, 241, 255

 140, 181, 223

 112, 153, 195

 84, 125, 168


 55, 97, 141

 20, 67, 116

 0, 45, 91


 0, 33, 68


 0, 22, 46


 0, 11, 25


 0, 0, 0

 140, 181, 223


 140, 181, 223

 118, 170, 223


 162, 192, 223

 95, 158, 223


 185, 204, 223

 73, 147, 223


 207, 215, 223

 51, 136, 223


 229, 223, 223

 29, 125, 223

 252, 224, 223

 6, 113, 223

 255, 224, 223

 0, 110, 223

 255, 225, 223

 255, 226, 223

Harmonies

Analogous

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



155, 195, 221



140, 181, 223



144, 187, 244

Triad

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



140, 181, 223



231, 196, 239



211, 233, 160

Complementary

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



140, 181, 223



223, 142, 140

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.



251, 205, 171



140, 181, 223



251, 191, 217

Square

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



140, 181, 223



201, 204, 253



255, 191, 192



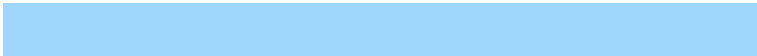
162, 211, 164

Rectangle

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



140, 181, 223



159, 194, 252



255, 191, 192



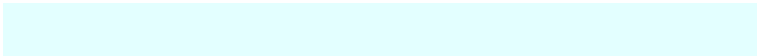
240, 234, 163

Sweetspot

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



140, 181, 223



227, 241, 255



140, 222, 223



111, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



140, 181, 223



140, 197, 255



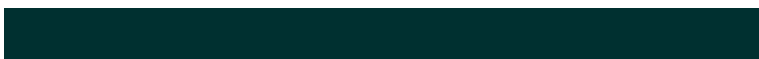
140, 167, 223



101, 107, 112



0, 87, 176



0, 24, 48

Inverse Universe

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



223, 140, 221



255, 140, 252



217, 223, 140



112, 101, 112



176, 0, 172



48, 0, 47

Previews

White Background



This preview shows how the RYB color 140, 181, 223 looks on a white background.

Color Contrast Check

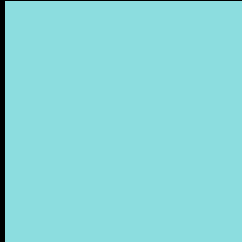
Large Text (above 18pt) WCAG AA × Fail

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, 181, 223 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, 181, 223 Background



This preview shows how black text looks on a background with the RYB color 140, 181, 223.

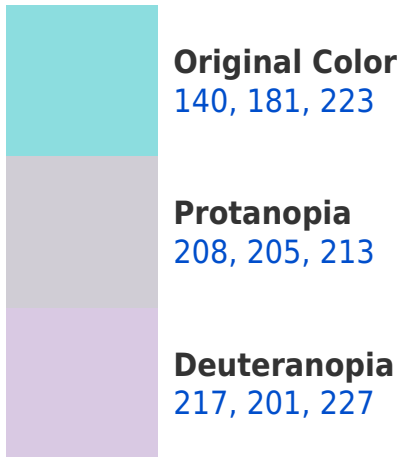



This preview shows how white text looks on a background with the RYB color 140, 181, 223.

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





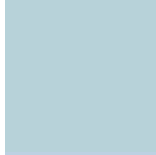
Tritanopia
144, 186, 237

Trichromacy



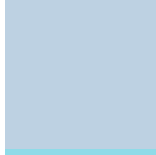
Original Color

140, 181, 223



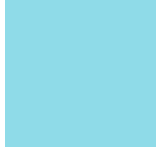
Protanomaly

183, 198, 217



Deuteranomaly

189, 202, 226



Tritanomaly

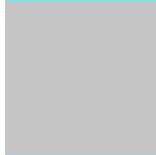
143, 184, 232

Monochromacy



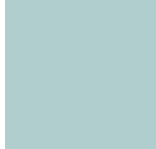
Original Color

140, 181, 223



Achromatopsia

197, 197, 197



Achromatomaly

176, 191, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 181, 223 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, 221, 223)` looks like.

```
.text, #text, p{  
    color:rgb(140, 221, 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, 221, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 221, 223) }
```

Border

The CSS property to change the border of an element to RYB 140, 181, 223 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, 221, 223) }
```

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

```
.border{ border-color:rgb(140, 221, 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, 221, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 221, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 221, 223);  
box-shadow:4px 4px 4px 4px rgb(140, 221,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 140, 181, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 221, 223) }
```

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

```
.background{ background-color: rgb(140,  
221, 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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