

Converting Colors

`RYB(140, 177, 213)`

Have a look what the booklet for
RYB(140, 177, 213) contains.

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Color

$\text{RYB}(140, 177, 213)$

Conversions

Conversions Part 1

Format	Color
Hex	8CD5D3
RGB	140, 213, 211
RGB Percent	55%, 84%, 83%
CMY	0.4510, 0.1647, 0.1724
CMYK	0.34, 0.00, 0.01, 0.16
HSL	178°, 46%, 69%
HSV	178°, 34%, 84%
XYZ	46.3707, 57.8685, 70.3715
YIQ	190.9450, -42.8660, -16.0980

Conversions

Conversions Part 2

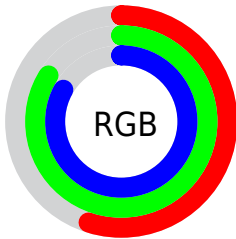
Format	Color
RYB	140, 177, 213
Decimal	9229779
CIELab	80.67, -23.05, -6.25
CIELCh	81, 23.880, 195.182
Yxy	57.8685, 0.2656, 0.3314
Android (android.graphics.Color)	4287419859 (0xFF8CD5D3)
YUV	190.9450, 9.8871, -44.6788
Hunter-Lab	76.0713, -24.3167, -1.5977

Details

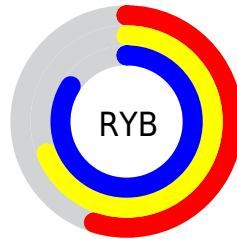
The RYB color **140, 177, 213** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **213, 140, 142**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **196, 226, 255**, and **86, 122, 158** is the 20% darker color. If you saturate the color by 10%, you get **119, 167, 213**, and if you desaturate by 10%, it is **161, 187, 213**.

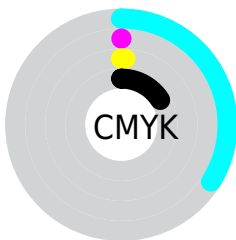
Distribution



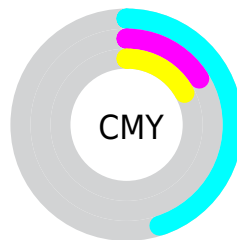
- Red (55%)
- Green (84%)
- Blue (83%)



- Red (55%)
- Yellow (69%)
- Blue (84%)



- Cyan (34%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)




- Cyan (45%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 177, 213 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, 177, 213 by changing the saturation by 10% instead.


 140, 177, 213

255, 255, 255


 196, 226, 255

 225, 240, 255

254, 255, 255

 140, 177, 213

 113, 150, 185


 86, 122, 158

 58, 95, 132

 27, 67, 106

 0, 41, 82


 0, 29, 58


 0, 19, 37


 0, 4, 16


 0, 0, 0

 140, 177, 213


 140, 177, 213

 119, 167, 213


 161, 187, 213

 97, 156, 213


 183, 198, 213

 76, 146, 213


 204, 209, 213

 55, 135, 213

 225, 213, 213

 34, 125, 213

 247, 213, 214

 12, 114, 213

 255, 213, 214

 0, 108, 213

 255, 213, 215

 255, 213, 216

Harmonies

Analogous

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



156, 192, 212



140, 177, 213



141, 180, 231

Triad

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



140, 177, 213



218, 191, 232



218, 227, 158

Complementary

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



140, 177, 213



213, 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.



242, 195, 169



140, 177, 213



238, 186, 212

Square

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



140, 177, 213



189, 197, 243



246, 185, 189



160, 205, 157

Rectangle

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



140, 177, 213



152, 186, 240



246, 185, 189



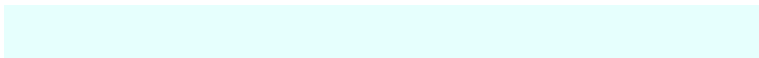
233, 220, 160

Sweetspot

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



140, 177, 213



230, 243, 255



140, 213, 211



112, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



140, 177, 213



150, 203, 255



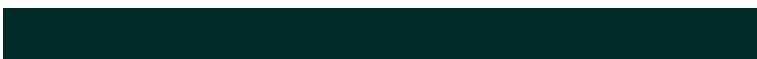
140, 165, 213



96, 102, 107



0, 87, 171



0, 22, 43

Inverse Universe

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



213, 140, 142



255, 150, 153



213, 204, 140



107, 96, 97



171, 0, 5



43, 0, 1

Previews

White Background



This preview shows how the RYB color 140, 177, 213 looks on a white background.

Color Contrast Check

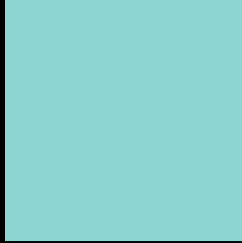
Large Text (above 18pt) WCAG AA × Fail

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, 177, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

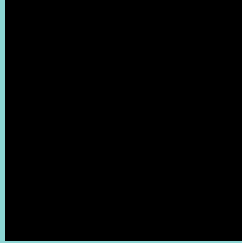
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

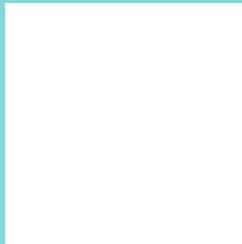
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 140, 177, 213 Background



This preview shows how black text looks on a background with the RYB color 140, 177, 213.

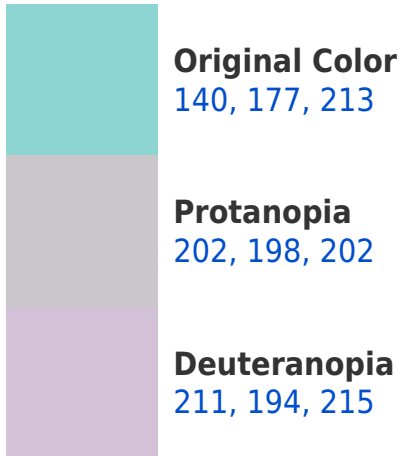


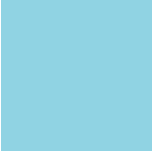
This preview shows how white text looks on a background with the RYB color 140, 177, 213.

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, 181, 227

Trichromacy



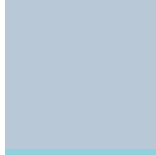
Original Color

140, 177, 213



Protanomaly

179, 191, 205



Deuteranomaly

185, 195, 214



Tritanomaly

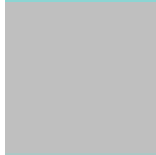
143, 179, 221

Monochromacy



Original Color

140, 177, 213



Achromatopsia

191, 191, 191



Achromatomaly

172, 186, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 177, 213 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, 213, 211)` looks like.

```
.text, #text, p{  
    color:rgb(140, 213, 211)  
}
```

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, 213, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 213, 211) }
```

Border

The CSS property to change the border of an element to RYB 140, 177, 213 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, 213, 211) }
```

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

```
.border{ border-color:rgb(140, 213, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 213, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 213, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 213, 211); box-shadow:4px 4px 4px 4px rgb(140, 213, 211) }
```

Background

The CSS property to change the background color of an element to RYB 140, 177, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 213, 211) }
```

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

```
.background{ background-color: rgb(140,  
213, 211) }
```

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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