

Converting Colors

RGB(140, 200, 213)

Have a look what the booklet for
RGB(140, 200, 213) contains.

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Color

RGB(140, 200, 213)

Conversions

Conversions Part 1

Format	Color
Hex	8CC8D5
RGB	140, 200, 213
RGB Percent	55%, 78%, 84%
CMY	0.4510, 0.2157, 0.1647
CMYK	0.34, 0.06, 0.00, 0.16
HSL	191°, 46%, 69%
HSV	191°, 34%, 84%
XYZ	43.4797, 51.6881, 70.6360
YIQ	183.5420, -39.9330, -8.6770

Conversions

Conversions Part 2

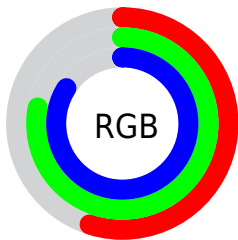
Format	Color
RYB	140, 173, 213
Decimal	9226453
CIELab	77.09, -16.01, -12.63
CIElCh	77, 20.390, 218.269
Yxy	51.6881, 0.2622, 0.3117
Android (android.graphics.Color)	4287416533 (0xFF8CC8D5)
YUV	183.5420, 14.5228, -38.1863
Hunter-Lab	71.8944, -17.8635, -7.9261

Details

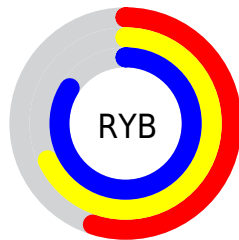
The RGB color **140, 200, 213** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **213, 153, 140**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **196, 255, 255**, and **86, 146, 158** is the 20% darker color. If you saturate the color by 10%, you get **119, 196, 213**, and if you desaturate by 10%, it is **161, 204, 213**.

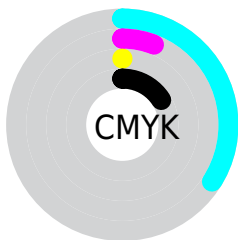
Distribution



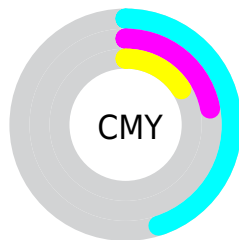
- Red (55%)
- Green (78%)
- Blue (84%)



- Red (55%)
- Yellow (68%)
- Blue (84%)



- Cyan (34%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (45%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 200, 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 RGB color 140, 200, 213 by changing the saturation by 10% instead.

 140, 200, 213


255, 255, 255


 196, 255, 255


 224, 255, 255


254, 255, 255

 140, 200, 213

 113, 173, 185

 86, 146, 158

 59, 120, 132

 31, 95, 107

 0, 71, 83

 0, 49, 60

 0, 29, 38

 0, 1, 17

 0, 0, 0

■ 140, 200, 213

■ 140, 200, 213

■ 119, 196, 213

■ 161, 204, 213

■ 97, 192, 213

■ 183, 208, 213

■ 76, 189, 213

■ 204, 211, 213

■ 55, 185, 213

■ 225, 215, 213

■ 34, 181, 213

■ 247, 219, 213

■ 12, 177, 213

■ 255, 223, 213

■ 0, 175, 213

■ 255, 227, 213

■ 255, 230, 213

■ 255, 234, 213

Harmonies

Analogous

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



143, 201, 195



140, 200, 213



153, 196, 225

Triad

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



140, 200, 213



219, 179, 205



200, 191, 153

Complementary

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



140, 200, 213



213, 153, 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.



217, 184, 156



140, 200, 213



229, 177, 186

Square

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



140, 200, 213



200, 184, 220



228, 179, 168



178, 196, 160

Rectangle

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



140, 200, 213



167, 192, 228



228, 179, 168



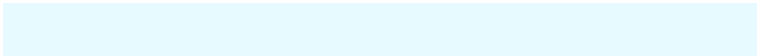
206, 189, 153

Sweetspot

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



140, 200, 213



230, 250, 255



140, 213, 152



112, 125, 128



0, 0, 0



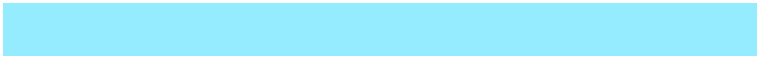
128, 128, 128

Same Dimension

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



140, 200, 213



150, 236, 255



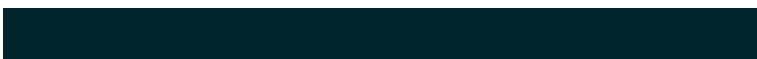
140, 164, 213



96, 105, 107



0, 140, 171



0, 36, 43

Inverse Universe

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



213, 140, 200



255, 150, 236



213, 189, 140



107, 96, 105



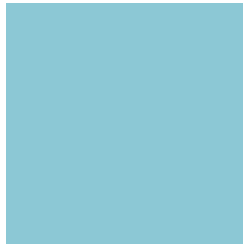
171, 0, 140



43, 0, 36

Previews

White Background



This preview shows how the RGB color 140, 200, 213 looks on a white background.

Color Contrast Check

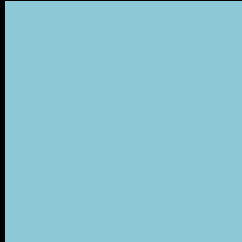
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 140, 200, 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](#).

RGB 140, 200, 213 Background



This preview shows how black text looks on a background with the RGB color 140, 200, 213.



This preview shows how white text looks on a background with the RGB color 140, 200, 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



Original Color
140, 200, 213

Protanopia
188, 188, 206

Deuteranopia
196, 185, 216



Tritanopia
141, 200, 216

Trichromacy



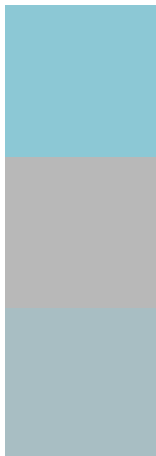
Original Color
140, 200, 213

Protanomaly
171, 192, 209

Deuteranomaly
176, 190, 215

Tritanomaly
141, 200, 215

Monochromacy



Original Color
140, 200, 213

Achromatopsia
184, 184, 184

Achromatomaly
168, 190, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 200, 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, 200, 213)` looks like.

```
.text, #text, p{  
    color:rgb(140, 200, 213)  
}
```

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, 200, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 200, 213) }
```

Border

The CSS property to change the border of an element to RGB 140, 200, 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, 200, 213) }
```

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

```
.border{ border-color:rgb(140, 200, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 200, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 200, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 200, 213);  
box-shadow:4px 4px 4px 4px rgb(140, 200,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 140, 200, 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, 200, 213) }
```

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

```
.background{ background-color: rgb(140,  
200, 213) }
```

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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