

Converting Colors

RGB(140, 244, 223)

Have a look what the booklet for
RGB(140, 244, 223) contains.

RGB(140, 244, 223)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(140, 244, 223)

Conversions

Conversions Part 1

Format	Color
Hex	8CF4DF
RGB	140, 244, 223
RGB Percent	55%, 96%, 87%
CMY	0.4510, 0.0431, 0.1255
CMYK	0.43, 0.00, 0.09, 0.04
HSL	168°, 83%, 75%
HSV	168°, 43%, 96%
XYZ	56.4852, 75.6045, 81.4281
YIQ	210.5100, -55.2430, -28.5790

Conversions

Conversions Part 2

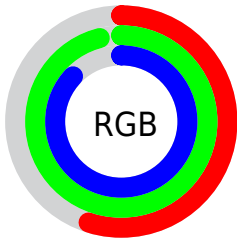
Format	Color
R_{YB}	140, 198, 244
Decimal	9237727
CIE _{Lab}	89.68, -35.12, 0.66
CIE _{LCh}	90, 35.130, 178.922
Yxy	75.6045, 0.2645, 0.3541
Android (android.graphics.Color)	4287427807 (0xFF8CF4DF)
YUV	210.5100, 6.1576, -61.8373
Hunter-Lab	86.9509, -36.2065, 5.3415

Details

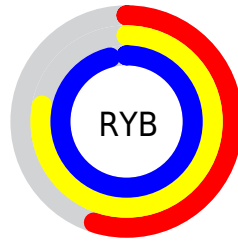
The RGB color **140, 244, 223** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **244, 140, 161**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **198, 255, 255**, and **82, 187, 168** is the 20% darker color. If you saturate the color by 10%, you get **116, 244, 218**, and if you desaturate by 10%, it is **164, 244, 228**.

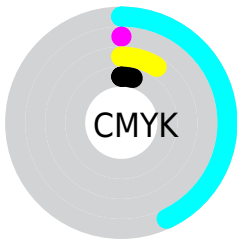
Distribution



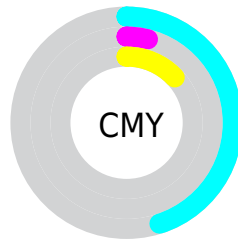
- Red (55%)
- Green (96%)
- Blue (87%)



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



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (45%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 244, 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 RGB color 140, 244, 223 by changing the saturation by 10% instead.

 140, 244, 223

 140, 244, 223


255, 255, 255

 111, 215, 195


 198, 255, 255


 82, 187, 168

 227, 255, 255


 50, 160, 142

 0, 133, 116

 0, 108, 91

 0, 83, 68

 0, 59, 46

 0, 38, 25

 0, 0, 0

 140, 244, 223

 140, 244, 223

 116, 244, 218

 164, 244, 228

 91, 244, 213

 189, 244, 233

 67, 244, 208

 213, 244, 238

 42, 244, 203

 238, 244, 243

 18, 244, 198

 255, 244, 248

 0, 244, 195

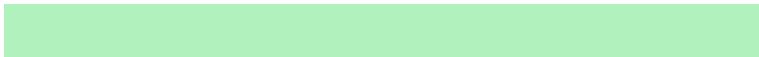
 255, 244, 253

 255, 244, 255

Harmonies

Analogous

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



176, 241, 190



140, 244, 223



121, 243, 255

Triad

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



140, 244, 223



229, 217, 255



255, 212, 169

Complementary

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



140, 244, 223



244, 140, 161

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, 203, 195



140, 244, 223



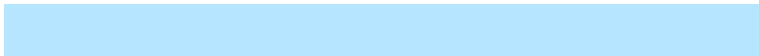
255, 206, 255

Square

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



140, 244, 223



181, 229, 255



255, 201, 228



251, 223, 158

Rectangle

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



140, 244, 223



127, 240, 255



255, 201, 228



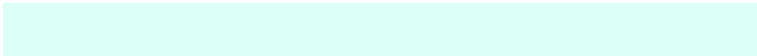
255, 208, 176

Sweetspot

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



140, 244, 223



222, 255, 248



163, 244, 140



107, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



140, 244, 223



125, 255, 229



140, 215, 244



110, 122, 120



0, 186, 149



0, 59, 47

Inverse Universe

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



244, 140, 161



255, 125, 151



244, 169, 140



122, 110, 113



186, 0, 38



59, 0, 12

Previews

White Background



This preview shows how the RGB color 140, 244, 223 looks on a white background.

Color Contrast Check

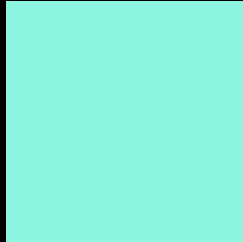
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 140, 244, 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](#).

RGB 140, 244, 223 Background



This preview shows how black text looks on a background with the RGB color 140, 244, 223.

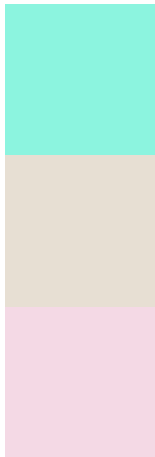


This preview shows how white text looks on a background with the RGB color 140, 244, 223.

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



Original Color
140, 244, 223

Protanopia
231, 223, 211

Deuteranopia
244, 217, 229



Tritanopia
159, 237, 255

Trichromacy



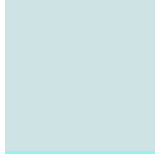
Original Color

140, 244, 223



Protanomaly

198, 231, 215



Deuteranomaly

206, 227, 227



Tritanomaly

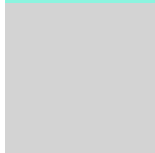
152, 240, 243

Monochromacy



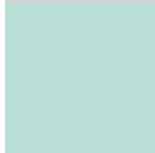
Original Color

140, 244, 223



Achromatopsia

211, 211, 211



Achromatomaly

185, 223, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 244, 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, 244, 223)` looks like.

```
.text, #text, p{  
    color:rgb(140, 244, 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, 244, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 244, 223) }
```

Border

The CSS property to change the border of an element to RGB 140, 244, 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, 244, 223) }
```

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

```
.border{ border-color:rgb(140, 244, 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, 244, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 244, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 244, 223);  
box-shadow:4px 4px 4px 4px rgb(140, 244,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 140, 244, 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, 244, 223) }
```

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

```
.background{ background-color: rgb(140,  
244, 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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