

Converting Colors

RGB(139, 219, 193)

Have a look what the booklet for
RGB(139, 219, 193) contains.

RGB(139, 219, 193)	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(139, 219, 193)

Conversions

Conversions Part 1

Format	Color
Hex	8BDBC1
RGB	139, 219, 193
RGB Percent	55%, 86%, 76%
CMY	0.4549, 0.1412, 0.2431
CMYK	0.37, 0.00, 0.12, 0.14
HSL	160°, 53%, 70%
HSV	160°, 37%, 86%
XYZ	45.6046, 60.0023, 59.6301
YIQ	192.1160, -39.3340, -25.0460

Conversions

Conversions Part 2

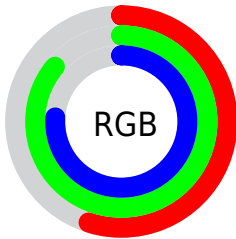
Format	Color
RYB	139, 187, 219
Decimal	9165761
CIELab	81.84, -30.29, 5.06
CIELCh	82, 30.706, 170.519
Yxy	60.0023, 0.2760, 0.3631
Android (android.graphics.Color)	4287355841 (0xFF8BDBC1)
YUV	192.1160, 0.4358, -46.5827
Hunter-Lab	77.4611, -30.4665, 8.5810

Details

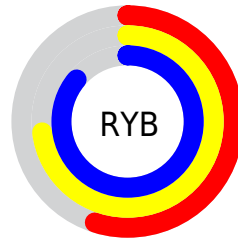
The RGB color **139, 219, 193** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **219, 139, 165**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **195, 255, 249**, and **85, 164, 140** is the 20% darker color. If you saturate the color by 10%, you get **117, 219, 186**, and if you desaturate by 10%, it is **161, 219, 200**.

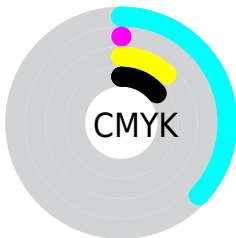
Distribution



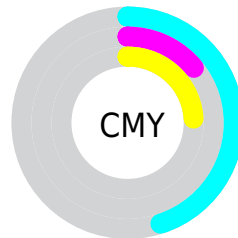
- Red (55%)
- Green (86%)
- Blue (76%)



- Red (55%)
- Yellow (73%)
- Blue (86%)



- Cyan (37%)
- Magenta (0%)
- Yellow (12%)
- Black (14%)



- Cyan (45%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 139, 219, 193 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 139, 219, 193 by changing the saturation by 10% instead.

 139, 219, 193


255, 255, 255


 195, 255, 249


 224, 255, 255

253, 255, 255


 139, 219, 193


 112, 191, 166

 85, 164, 140

 57, 137, 114

 27, 111, 90

 0, 86, 66

 0, 63, 44

 0, 40, 24


 0, 12, 0

 0, 0, 0

 139, 219, 193

 139, 219, 193

 117, 219, 186

 161, 219, 200

 95, 219, 179

 183, 219, 207

 73, 219, 172

 205, 219, 214

 51, 219, 165

 227, 219, 221

 30, 219, 157

 249, 219, 229

 8, 219, 150

 255, 219, 236

 0, 219, 148

 255, 219, 243

 255, 219, 250

 255, 219, 255

Harmonies

Analogous

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



171, 215, 166



139, 219, 193



118, 219, 223

Triad

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



139, 219, 193



195, 199, 255



254, 189, 160

Complementary

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



139, 219, 193



219, 139, 165

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, 183, 185



139, 219, 193



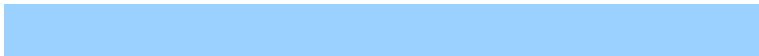
231, 190, 240

Square

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



139, 219, 193



155, 209, 255



255, 183, 214



233, 198, 147

Rectangle

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



139, 219, 193



118, 218, 240



255, 183, 214



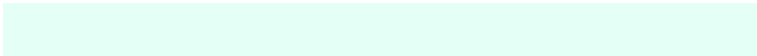
255, 187, 167

Sweetspot

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



139, 219, 193



227, 255, 246



166, 219, 139



111, 128, 122



0, 0, 0



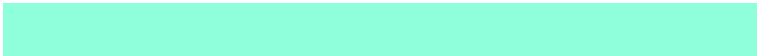
128, 128, 128

Same Dimension

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



139, 219, 193



143, 255, 219



139, 206, 219



99, 110, 106



0, 173, 117



0, 46, 31

Inverse Universe

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



219, 139, 165



255, 143, 179



219, 152, 139



110, 99, 102



173, 0, 56



46, 0, 15

Previews

White Background



This preview shows how the RGB color 139, 219, 193 looks on a white background.

Color Contrast Check

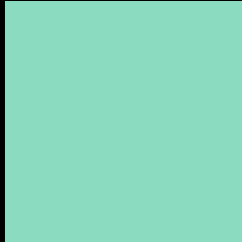
Large Text (above 18pt) WCAG AA × Fail

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 139, 219, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

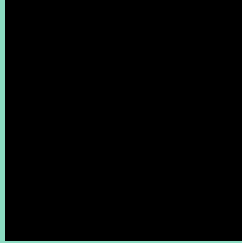
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

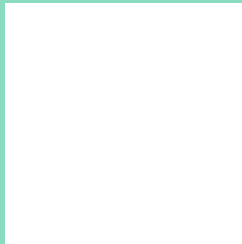
Any Text WCAG AAA ✓ Pass

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

RGB 139, 219, 193 Background



This preview shows how black text looks on a background with the RGB color 139, 219, 193.

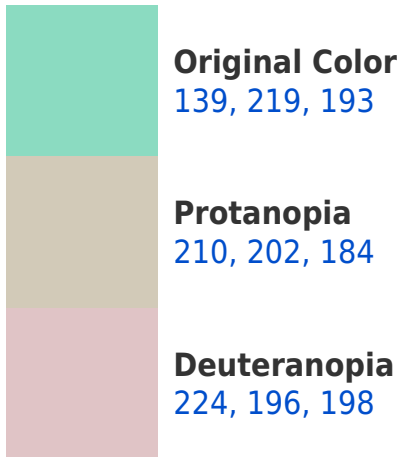


This preview shows how white text looks on a background with the RGB color 139, 219, 193.

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
148, 214, 231

Trichromacy



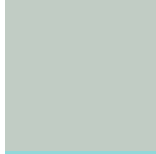
Original Color

139, 219, 193



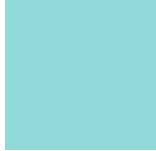
Protanomaly

184, 208, 187



Deuteranomaly

193, 204, 196



Tritanomaly

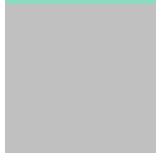
145, 216, 217

Monochromacy



Original Color

139, 219, 193



Achromatopsia

192, 192, 192



Achromatomaly

173, 202, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 139, 219, 193 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(139, 219, 193)` looks like.

```
.text, #text, p{  
    color:rgb(139, 219, 193)  
}
```

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(139, 219, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 219, 193) }
```

Border

The CSS property to change the border of an element to RGB 139, 219, 193 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(139, 219, 193) }
```

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

```
.border{ border-color:rgb(139, 219, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 219, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 219, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 219, 193);  
box-shadow:4px 4px 4px 4px rgb(139, 219,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 139, 219, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 219, 193) }
```

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

```
.background{ background-color: rgb(139,  
219, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor