

Converting Colors

RGB(137, 231, 220)

Have a look what the booklet for
RGB(137, 231, 220) contains.

RGB(137, 231, 220)	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(137, 231, 220)

Conversions

Conversions Part 1

Format	Color
Hex	89E7DC
RGB	137, 231, 220
RGB Percent	54%, 91%, 86%
CMY	0.4627, 0.0941, 0.1373
CMYK	0.41, 0.00, 0.05, 0.09
HSL	173°, 66%, 72%
HSV	173°, 41%, 91%
XYZ	51.8107, 67.6375, 78.0348
YIQ	201.6400, -52.4930, -23.3490

Conversions

Conversions Part 2

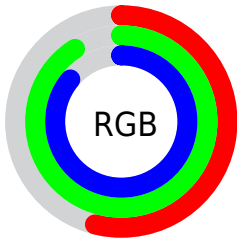
Format	Color
RYB	137, 187, 231
Decimal	9037788
CIELab	85.82, -30.46, -3.42
CIELCh	86, 30.650, 186.408
Yxy	67.6375, 0.2624, 0.3425
Android (android.graphics.Color)	4287227868 (0xFF89E7DC)
YUV	201.6400, 9.0515, -56.6893
Hunter-Lab	82.2420, -31.4724, 1.3125

Details

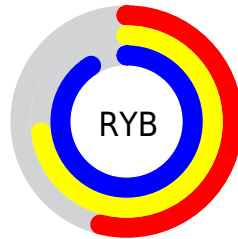
The RGB color **137, 231, 220** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **231, 137, 148**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **194, 255, 255**, and **80, 175, 165** is the 20% darker color. If you saturate the color by 10%, you get **114, 231, 217**, and if you desaturate by 10%, it is **160, 231, 223**.

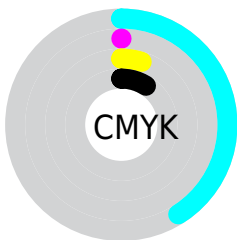
Distribution



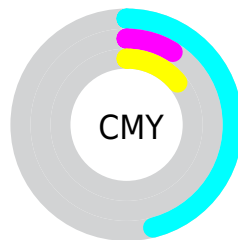
- Red (54%)
- Green (91%)
- Blue (86%)



- Red (54%)
- Yellow (73%)
- Blue (91%)



- Cyan (41%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (46%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 231, 220 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 137, 231, 220 by changing the saturation by 10% instead.


 137, 231, 220

 137, 231, 220

255, 255, 255

 109, 203, 192

 194, 255, 255

 80, 175, 165

 224, 255, 255

 49, 148, 139

253, 255, 255

 3, 122, 113

 0, 97, 89

 0, 72, 66

 0, 49, 44

 0, 29, 23

 0, 0, 0

 137, 231, 220

 137, 231, 220

 114, 231, 217

 160, 231, 223

 91, 231, 215

 183, 231, 225

 68, 231, 212

 206, 231, 228

 45, 231, 209

 229, 231, 231

 22, 231, 206

 253, 231, 234

 0, 231, 204

 255, 231, 236

 255, 231, 239

 255, 231, 242

 255, 231, 244

Harmonies

Analogous

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



164, 229, 190



137, 231, 220



129, 229, 248

Triad

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



137, 231, 220



227, 205, 255



255, 205, 162

Complementary

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



137, 231, 220



231, 137, 148

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, 197, 181



137, 231, 220



255, 197, 238

Square

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



137, 231, 220



187, 215, 255



255, 193, 209



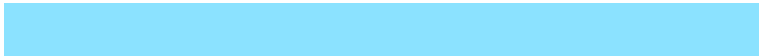
230, 215, 157

Rectangle

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



137, 231, 220



139, 226, 255



255, 193, 209



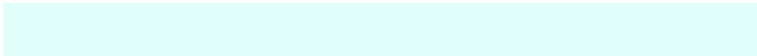
255, 202, 167

Sweetspot

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



137, 231, 220



224, 255, 251



150, 231, 137



110, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



137, 231, 220



130, 255, 240



137, 197, 231



103, 115, 113



0, 179, 158



0, 51, 45

Inverse Universe

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



231, 137, 148



255, 130, 145



231, 171, 137



115, 103, 105



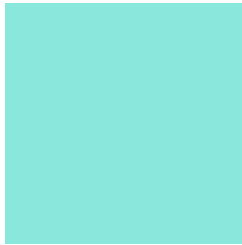
179, 0, 21



51, 0, 6

Previews

White Background



This preview shows how the RGB color 137, 231, 220 looks on a white background.

Color Contrast Check

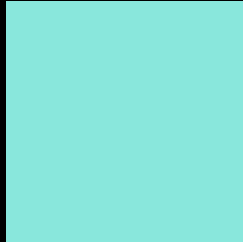
Large Text (above 18pt) WCAG AA × Fail

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 137, 231, 220 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 137, 231, 220 Background



This preview shows how black text looks on a background with the RGB color 137, 231, 220.

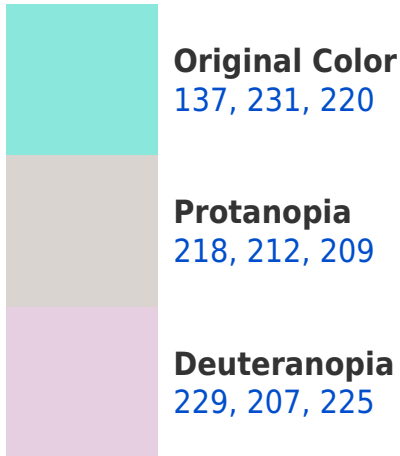


This preview shows how white text looks on a background with the RGB color 137, 231, 220.

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, 227, 245

Trichromacy



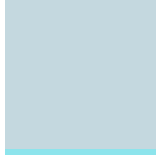
Original Color

137, 231, 220



Protanomaly

189, 219, 213



Deuteranomaly

196, 216, 223



Tritanomaly

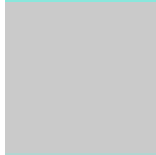
141, 228, 236

Monochromacy



Original Color

137, 231, 220



Achromatopsia

202, 202, 202



Achromatomaly

178, 213, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 231, 220 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(137, 231, 220)` looks like.

```
.text, #text, p{  
    color:rgb(137, 231, 220)  
}
```

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(137, 231, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 231, 220) }
```

Border

The CSS property to change the border of an element to RGB 137, 231, 220 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(137, 231, 220) }
```

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

```
.border{ border-color:rgb(137, 231, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 231, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 231, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 231, 220); box-shadow:4px 4px 4px 4px rgb(137, 231, 220) }
```

Background

The CSS property to change the background color of an element to RGB 137, 231, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 231, 220) }
```

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

```
.background{ background-color: rgb(137,  
231, 220) }
```

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