

Converting Colors

RGB(137, 240, 192)

Have a look what the booklet for
RGB(137, 240, 192) contains.

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Color

RGB(137, 240, 192)

Conversions

Conversions Part 1

Format	Color
Hex	89F0C0
RGB	137, 240, 192
RGB Percent	54%, 94%, 75%
CMY	0.4627, 0.0588, 0.2471
CMYK	0.43, 0.00, 0.20, 0.06
HSL	152°, 77%, 74%
HSV	152°, 43%, 94%
XYZ	50.9910, 71.4443, 60.9718
YIQ	203.7310, -45.9800, -36.7640

Conversions

Conversions Part 2

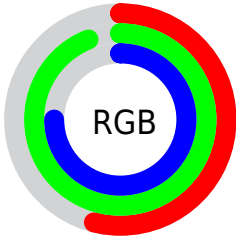
Format	Color
RYB	137, 204, 240
Decimal	9040064
CIELab	87.70, -40.71, 13.94
CIElCh	88, 43.030, 161.091
Yxy	71.4443, 0.2780, 0.3895
Android (android.graphics.Color)	4287230144 (0xFF89F0C0)
YUV	203.7310, -5.7834, -58.5231
Hunter-Lab	84.5247, -40.2350, 16.3986

Details

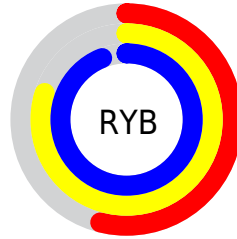
The RGB color **137, 240, 192** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **240, 137, 185**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **194, 255, 248**, and **80, 183, 138** is the 20% darker color. If you saturate the color by 10%, you get **113, 240, 181**, and if you desaturate by 10%, it is **161, 240, 203**.

Distribution



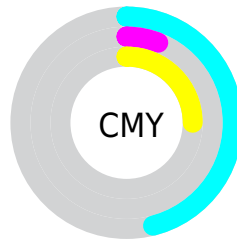
- Red (54%)
- Green (94%)
- Blue (75%)



- Red (54%)
- Yellow (80%)
- Blue (94%)



- Cyan (43%)
- Magenta (0%)
- Yellow (20%)
- Black (6%)



- Cyan (46%)
- Magenta (6%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 240, 192 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, 240, 192 by changing the saturation by 10% instead.

 137, 240, 192

255, 255, 255


 194, 255, 248


 224, 255, 255


253, 255, 255


 137, 240, 192

 109, 211, 165

 80, 183, 138

 49, 156, 113

 3, 130, 88

 0, 104, 65

 0, 79, 43

 0, 55, 22


 0, 34, 0

 0, 0, 0

 137, 240, 192

 137, 240, 192

 113, 240, 181

 161, 240, 203

 89, 240, 170

 185, 240, 214

 65, 240, 158

 209, 240, 226

 41, 240, 147

 233, 240, 237

 17, 240, 136

 255, 240, 248

 0, 240, 128

 255, 240, 255

Harmonies

Analogous

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



187, 233, 157



137, 240, 192



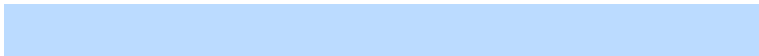
85, 242, 234

Triad

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



137, 240, 192



187, 219, 255



255, 195, 168

Complementary

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



137, 240, 192



240, 137, 185

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, 188, 206



137, 240, 192



244, 204, 255

Square

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



137, 240, 192



119, 231, 255



255, 192, 247



255, 208, 143

Rectangle

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



137, 240, 192



64, 241, 255



255, 192, 247



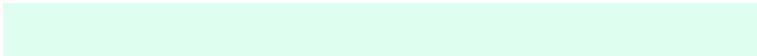
255, 192, 180

Sweetspot

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



137, 240, 192



222, 255, 240



185, 240, 137



107, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



137, 240, 192



122, 255, 193



137, 237, 240



108, 120, 114



0, 184, 98



0, 56, 30

Inverse Universe

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



240, 137, 185



255, 122, 184



240, 140, 137



120, 108, 113



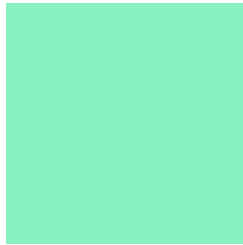
184, 0, 86



56, 0, 26

Previews

White Background



This preview shows how the RGB color 137, 240, 192 looks on a white background.

Color Contrast Check

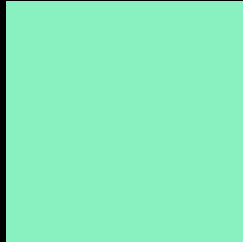
Large Text (above 18pt) WCAG AA × Fail

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, 240, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

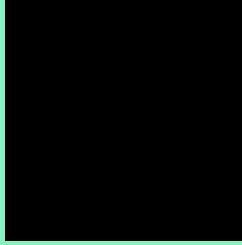
Any Text WCAG AA ✓ Pass

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, 240, 192 Background



This preview shows how black text looks on a background with the RGB color 137, 240, 192.



This preview shows how white text looks on a background with the RGB color 137, 240, 192.

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





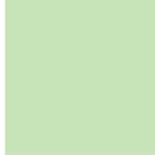
Tritanopia
151, 232, 251

Trichromacy



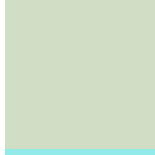
Original Color

137, 240, 192



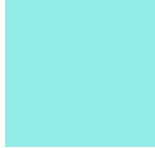
Protanomaly

197, 226, 185



Deuteranomaly

207, 222, 196



Tritanomaly

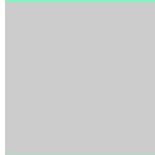
146, 235, 230

Monochromacy



Original Color

137, 240, 192



Achromatopsia

204, 204, 204



Achromatomaly

180, 217, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 240, 192 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, 240, 192)` looks like.

```
.text, #text, p{  
    color:rgb(137, 240, 192)  
}
```

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, 240, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 240, 192) }
```

Border

The CSS property to change the border of an element to RGB 137, 240, 192 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, 240, 192) }
```

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

```
.border{ border-color:rgb(137, 240, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 240, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 240, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 240, 192);  
box-shadow:4px 4px 4px 4px rgb(137, 240,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 137, 240, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 240, 192) }
```

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

```
.background{ background-color: rgb(137,  
240, 192) }
```

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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