

Converting Colors

RGB(130, 227, 180)

Have a look what the booklet for
RGB(130, 227, 180) contains.

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Color

RGB(130, 227, 180)

Conversions

Conversions Part 1

Format	Color
Hex	82E3B4
RGB	130, 227, 180
RGB Percent	51%, 89%, 71%
CMY	0.4902, 0.1098, 0.2941
CMYK	0.43, 0.00, 0.21, 0.11
HSL	151°, 63%, 70%
HSV	151°, 43%, 89%
XYZ	44.9132, 62.9793, 52.9691
YIQ	192.6390, -42.7250, -35.1810

Conversions

Conversions Part 2

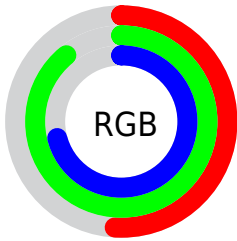
Format	Color
RYB	130, 194, 227
Decimal	8577972
CIELab	83.43, -39.14, 14.14
CIElCh	83, 41.612, 160.138
Yxy	62.9793, 0.2792, 0.3915
Android (android.graphics.Color)	4286768052 (0xFF82E3B4)
YUV	192.6390, -6.2310, -54.9344
Hunter-Lab	79.3595, -37.8577, 15.9781

Details

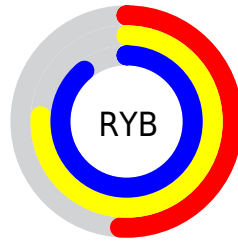
The RGB color **130, 227, 180** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **227, 130, 177**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **187, 255, 236**, and **74, 171, 127** is the 20% darker color. If you saturate the color by 10%, you get **107, 227, 169**, and if you desaturate by 10%, it is **153, 227, 191**.

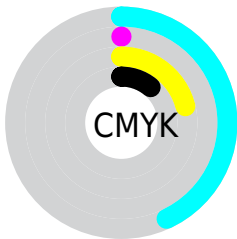
Distribution



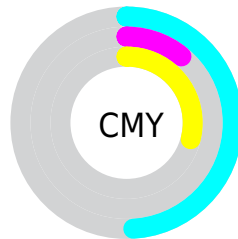
- Red (51%)
- Green (89%)
- Blue (71%)



- Red (51%)
- Yellow (76%)
- Blue (89%)



- Cyan (43%)
- Magenta (0%)
- Yellow (21%)
- Black (11%)



- Cyan (49%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 130, 227, 180 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 130, 227, 180 by changing the saturation by 10% instead.

 130, 227, 180


255, 255, 255


 187, 255, 236

 216, 255, 255


 245, 255, 255

 130, 227, 180

 102, 199, 153

 74, 171, 127

 43, 144, 102

 0, 118, 78

 0, 93, 55

 0, 68, 33

 0, 45, 12

 0, 20, 0

 0, 0, 0

 130, 227, 180

 130, 227, 180

 107, 227, 169

 153, 227, 191

 85, 227, 158

 175, 227, 202

 62, 227, 147

 198, 227, 213

 39, 227, 136

 221, 227, 224

 17, 227, 125

 243, 227, 235

 0, 227, 117

 255, 227, 246

 255, 227, 255

Harmonies

Analogous

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



178, 220, 147



130, 227, 180



80, 229, 220

Triad

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



130, 227, 180



174, 207, 255



255, 184, 159

Complementary

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



130, 227, 180



227, 130, 177

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, 178, 196



130, 227, 180



230, 193, 255

Square

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



130, 227, 180



109, 219, 255



255, 181, 235



255, 196, 135

Rectangle

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



130, 227, 180



56, 228, 246



255, 181, 235



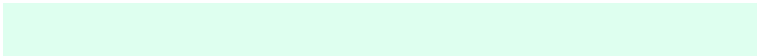
255, 181, 171

Sweetspot

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



130, 227, 180



222, 255, 239



179, 227, 130



107, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



130, 227, 180



125, 255, 192



130, 227, 227



103, 115, 109



0, 179, 92



0, 51, 26

Inverse Universe

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



227, 130, 177



255, 125, 188



227, 130, 130



115, 103, 109



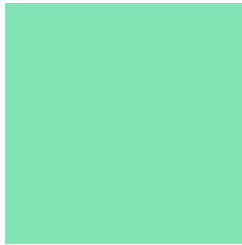
179, 0, 86



51, 0, 25

Previews

White Background



This preview shows how the RGB color 130, 227, 180 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 130, 227, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

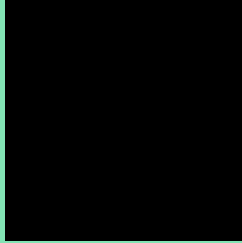
Any Text WCAG AA ✓ Pass

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 130, 227, 180 Background



This preview shows how black text looks on a background with the RGB color 130, 227, 180.

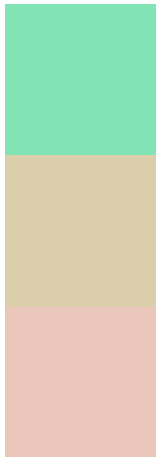


This preview shows how white text looks on a background with the RGB color 130, 227, 180.

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](#).

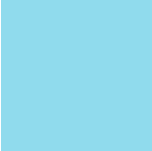
Dichromacy



Original Color
130, 227, 180

Protanopia
219, 206, 170

Deuteranopia
234, 199, 186



Tritanopia
144, 219, 237

Trichromacy



Original Color

130, 227, 180



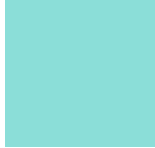
Protanomaly

187, 214, 174



Deuteranomaly

196, 209, 184



Tritanomaly

139, 222, 216

Monochromacy



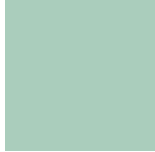
Original Color

130, 227, 180



Achromatopsia

193, 193, 193



Achromatomaly

170, 205, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 227, 180 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(130, 227, 180)` looks like.

```
.text, #text, p{  
    color:rgb(130, 227, 180)  
}
```

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(130, 227, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 227, 180) }
```

Border

The CSS property to change the border of an element to RGB 130, 227, 180 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(130, 227, 180) }
```

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

```
.border{ border-color:rgb(130, 227, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 227, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 227, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 227, 180);  
box-shadow:4px 4px 4px 4px rgb(130, 227,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 130, 227, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 227, 180) }
```

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

```
.background{ background-color: rgb(130,  
227, 180) }
```

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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