

Converting Colors

RGB(140, 229, 152)

Have a look what the booklet for
RGB(140, 229, 152) contains.

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Color

RGB(140, 229, 152)

Conversions

Conversions Part 1

Format	Color
Hex	8CE598
RGB	140, 229, 152
RGB Percent	55%, 90%, 60%
CMY	0.4510, 0.1020, 0.4039
CMYK	0.39, 0.00, 0.34, 0.10
HSL	128°, 63%, 72%
HSV	128°, 39%, 90%
XYZ	44.5020, 63.8811, 39.6905
YIQ	193.6110, -28.3270, -42.8150

Conversions

Conversions Part 2

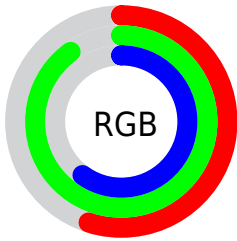
Format	Color
RYB	140, 218, 229
Decimal	9233816
CIELab	83.90, -42.36, 29.38
CIElCh	84, 51.555, 145.260
Yxy	63.8811, 0.3005, 0.4314
Android (android.graphics.Color)	4287423896 (0xFF8CE598)
YUV	193.6110, -20.5142, -47.0168
Hunter-Lab	79.9256, -40.4823, 26.5049

Details

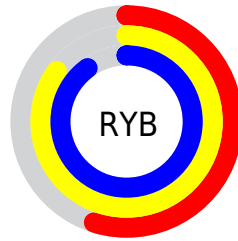
The RGB color **140, 229, 152** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **229, 140, 217**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **197, 255, 207**, and **85, 173, 100** is the 20% darker color. If you saturate the color by 10%, you get **117, 229, 132**, and if you desaturate by 10%, it is **163, 229, 172**.

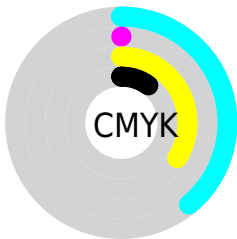
Distribution



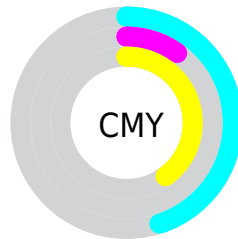
- Red (55%)
- Green (90%)
- Blue (60%)



- Red (55%)
- Yellow (85%)
- Blue (90%)



- Cyan (39%)
- Magenta (0%)
- Yellow (34%)
- Black (10%)



- Cyan (45%)
- Magenta (10%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 229, 152 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, 229, 152 by changing the saturation by 10% instead.

 140, 229, 152


255, 255, 255


 197, 255, 207

 226, 255, 235

 140, 229, 152

 112, 201, 126

 85, 173, 100

 56, 146, 76

 23, 120, 52

 0, 94, 29

 0, 70, 4

 0, 47, 0

 0, 22, 0

 0, 0, 0

 140, 229, 152

 140, 229, 152

 117, 229, 132

 163, 229, 172

 94, 229, 112

 186, 229, 192

 71, 229, 93

 209, 229, 211

 48, 229, 73

 232, 229, 231

 26, 229, 53

 255, 229, 251

 3, 229, 33

 255, 229, 255

 0, 229, 31

Harmonies

Analogous

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



198, 219, 119



140, 229, 152



57, 234, 200

Triad

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



140, 229, 152



114, 217, 255



255, 173, 170

Complementary

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



140, 229, 152



229, 140, 217

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, 170, 219



140, 229, 152



202, 200, 255

Square

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



140, 229, 152



0, 228, 255



255, 182, 255



255, 186, 131

Rectangle

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



140, 229, 152



0, 235, 233



255, 182, 255



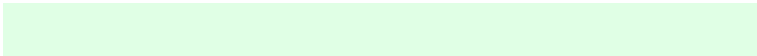
255, 170, 186

Sweetspot

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



140, 229, 152



224, 255, 229



217, 229, 140



110, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



140, 229, 152



135, 255, 151



140, 229, 196



103, 115, 105



0, 179, 24



0, 51, 7

Inverse Universe

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



229, 140, 217



255, 135, 239



229, 140, 173



115, 103, 113



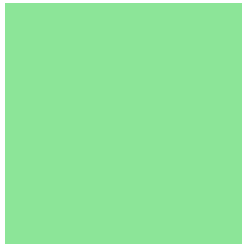
179, 0, 154



51, 0, 44

Previews

White Background



This preview shows how the RGB color 140, 229, 152 looks on a white background.

Color Contrast Check

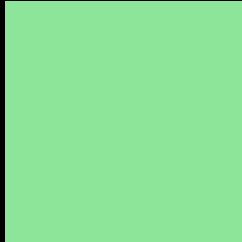
Large Text (above 18pt) WCAG AA × Fail

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, 229, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

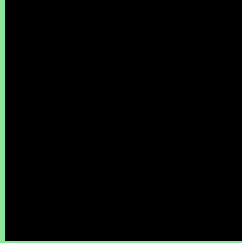
Any Text WCAG AA ✓ Pass

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, 229, 152 Background



This preview shows how black text looks on a background with the RGB color 140, 229, 152.

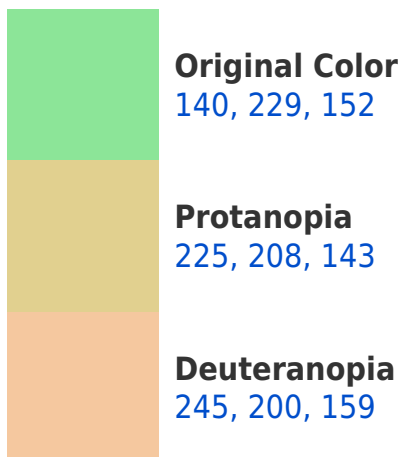



This preview shows how white text looks on a background with the RGB color 140, 229, 152.

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





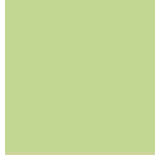
Tritanopia
157, 219, 236

Trichromacy



Original Color

140, 229, 152



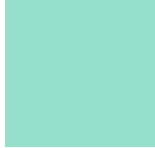
Protanomaly

194, 216, 146



Deuteranomaly

207, 211, 156



Tritanomaly

151, 223, 205

Monochromacy



Original Color

140, 229, 152



Achromatopsia

194, 194, 194



Achromatomaly

174, 207, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 229, 152 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, 229, 152)` looks like.

```
.text, #text, p{  
    color:rgb(140, 229, 152)  
}
```

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, 229, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 229, 152) }
```

Border

The CSS property to change the border of an element to RGB 140, 229, 152 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, 229, 152) }
```

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

```
.border{ border-color:rgb(140, 229, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 229, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 229, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 229, 152);  
box-shadow:4px 4px 4px 4px rgb(140, 229,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 140, 229, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 229, 152) }
```

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

```
.background{ background-color: rgb(140,  
229, 152) }
```

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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