

Converting Colors

CIELCh(88, 56.219, 147.493)

Have a look what the booklet for
CIELCh(88, 56.219, 147.493)
contains.

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Color

CIELCh(88, 56.319, 147.463)

Conversions

Conversions Part 1

Format	Color
Hex	8AF3A1
RGB	138, 243, 161
RGB Percent	54%, 95%, 63%
CMY	0.4589, 0.0471, 0.3687
CMYK	0.43, 0.00, 0.34, 0.05
HSL	133°, 81%, 75%
HSV	133°, 43%, 95%
XYZ	48.9553, 72.0653, 45.0401
YIQ	202.2570, -36.2580, -47.7620

Conversions

Conversions Part 2

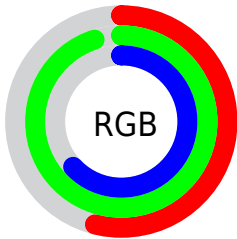
Format	Color
RYB	138, 224, 243
Decimal	9106337
CIELab	88.00, -47.48, 30.29
CIELCh	88, 56.319, 147.463
Yxy	72.0653, 0.2948, 0.4340
Android (android.graphics.Color)	4287296417 (0xFF8AF3A1)
YUV	202.2570, -20.3397, -56.3534
Hunter-Lab	84.8913, -45.6218, 27.9668

Details

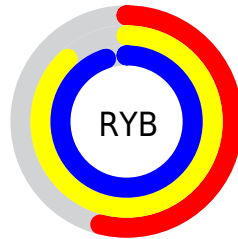
The CIELCh color **88, 56.319, 147.463** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **71, 56.474, 334.149**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 28.944, 154.056**, and **68, 56.073, 147.523** is the 20% darker color. If you saturate the color by 10%, you get **87, 68.378, 146.206**, and if you desaturate by 10%, it is **89, 43.626, 148.556**.

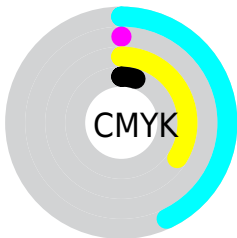
Distribution



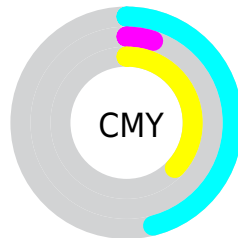
- Red (54%)
- Green (95%)
- Blue (63%)



- Red (54%)
- Yellow (88%)
- Blue (95%)



- Cyan (43%)
- Magenta (0%)
- Yellow (34%)
- Black (5%)



- Cyan (46%)
- Magenta (5%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 56.319, 147.463 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 CIELCh color 88, 56.319, 147.463 by changing the saturation by 10% instead.

■ 88, 56.319,
147.463

■ 88, 56.319,
147.463

■ 100, 56.319,
147.463

■ 78, 56.319,
147.463

■ 68, 56.319,
147.463

■ 58, 56.319,
147.463

■ 48, 56.319,
147.463

■ 38, 56.319,
147.463

■ 28, 56.319,
147.463


■ 18, 56.319,

147.463


 8, 56.319, 147.463


 0, 56.319, 147.463


 88, 56.319,
147.463


 88, 56.319,
147.463


 87, 68.378,
146.206


 89, 43.626,
148.556

 86, 79.513,
144.778

 91, 30.562,
149.501


 85, 89.437,
143.193

 93, 17.355,
150.320


 85, 97.892,
141.495

 95, 4.189, 151.086

 97, 7.483, 324.661

 84, 104.669,

139.769

 84, 108.301,
138.684

Harmonies

Complementary

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



88, 56.319, 147.463



71, 56.474, 334.149

Rectangle

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



88, 56.319, 147.463



88, 56.319, 197.463



88, 56.319, 327.463



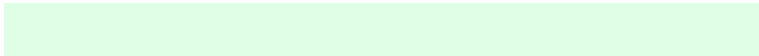
88, 56.319, 17.463

Sweetspot

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



88, 56.320, 147.463



97, 17.754, 150.334



92, 53.300, 115.774



51, 12.435, 150.162



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 56.320, 147.463



91, 69.614, 146.350



89, 37.644, 172.585



50, 7.494, 150.601



66, 88.066, 138.975



21, 36.619, 141.867

Inverse Universe

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



71, 56.474, 334.149



70, 69.412, 334.831



69, 43.283, 2.650



48, 7.520, 331.778



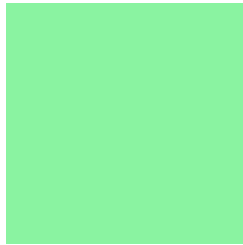
42, 77.027, 339.347



10, 34.988, 337.565

Previews

White Background



This preview shows how the CIE LCh color 88, 56.319, 147.463 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 CIELCh color 88, 56.319, 147.463 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](#).

CIELCh 88, 56.319, 147.463

Background



This preview shows how black text looks on a background with the CIELCh color 88, 56.319, 147.463.

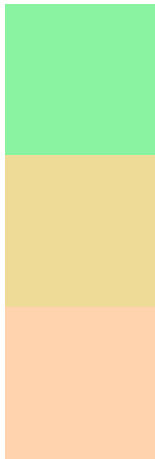


This preview shows how white text looks on a background with the CIELCh color 88, 56.319, 147.463.

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
88, 56.319, 147.463

Protanopia
87, 35.873, 95.502

Deuteranopia
87, 26.637, 67.528

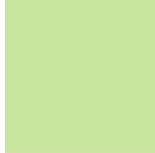


Tritanopia
88, 24.567, 222.079

Trichromacy



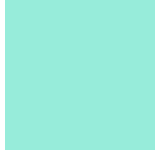
Original Color
88, 56.319, 147.463



Protanomaly
87, 38.941, 122.709



Deuteranomaly
87, 28.259, 116.485

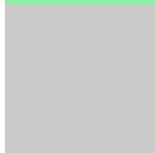


Tritanomaly
88, 29.685, 178.875

Monochromacy



Original Color
88, 56.319, 147.463



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 21.147, 149.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 56.319, 147.463 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(138, 243, 161)` looks like.

```
.text, #text, p{  
    color:rgb(138, 243, 161)  
}
```

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(138, 243, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 243, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 56.319, 147.463 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(138, 243, 161) }
```

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

```
.border{ border-color:rgb(138, 243, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 243, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 243, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 243, 161);  
box-shadow:4px 4px 4px 4px rgb(138, 243,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 56.319, 147.463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 243, 161) }
```

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

```
.background{ background-color: rgb(138,  
243, 161) }
```

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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