

Converting Colors

CIELCh(89, 53.268, 138.784)

Have a look what the booklet for
CIELCh(89, 53.268, 138.784)
contains.

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Color

CIELCh(89, 52.907, 139.057)

Conversions

Conversions Part 1

Format	Color
Hex	A5F29B
RGB	165, 242, 155
RGB Percent	65%, 95%, 61%
CMY	0.3514, 0.0494, 0.3907
CMYK	0.32, 0.00, 0.36, 0.05
HSL	113°, 78%, 78%
HSV	113°, 36%, 95%
XYZ	53.4179, 74.1641, 42.6750
YIQ	209.0590, -17.9650, -43.3810

Conversions

Conversions Part 2

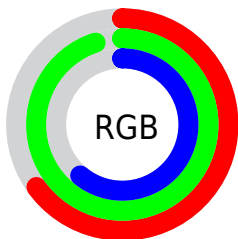
Format	Color
RYB	155, 242, 232
Decimal	10875547
CIELab	89.00, -39.96, 34.67
CIELCh	89, 52.907, 139.057
Yxy	74.1641, 0.3137, 0.4356
Android (android.graphics.Color)	4289065627 (0xFFA5F29B)
YUV	209.0590, -26.6511, -38.6397
Hunter-Lab	86.1186, -39.9871, 30.9026

Details

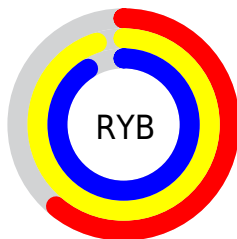
The CIELCh color **89, 52.907, 139.057** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74, 53.318, 322.989**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 25.900, 135.966**, and **69, 52.578, 139.138** is the 20% darker color. If you saturate the color by 10%, you get **88, 67.031, 138.250**, and if you desaturate by 10%, it is **91, 38.290, 139.793**.

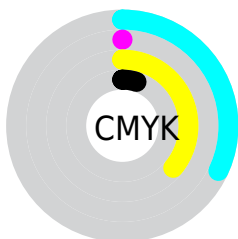
Distribution



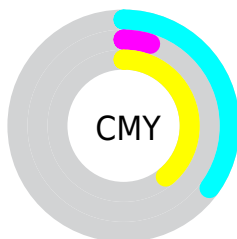
- Red (65%)
- Green (95%)
- Blue (61%)



- Red (61%)
- Yellow (95%)
- Blue (91%)



- Cyan (32%)
- Magenta (0%)
- Yellow (36%)
- Black (5%)



- Cyan (35%)
- Magenta (5%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 52.907, 139.057 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 89, 52.907, 139.057 by changing the saturation by 10% instead.

■ 89, 52.907,
139.057

■ 89, 52.907,
139.057

■ 100, 52.907,
139.057

■ 79, 52.907,
139.057

■ 69, 52.907,
139.057

■ 59, 52.907,
139.057

■ 49, 52.907,
139.057

■ 39, 52.907,
139.057


■ 29, 52.907,
139.057


■ 19, 52.907,


139.057


 9, 52.907, 139.057


 0, 52.907, 139.057


 89, 52.907,
139.057


 89, 52.907,
139.057

 88, 67.031,
138.250


 91, 38.290,
139.793

 86, 80.270,
137.404


 92, 23.467,
140.445

 86, 92.125,
136.591

 94, 8.659, 141.026


 85, 101.988,
135.922


 97, 5.980, 321.432

 84, 109.231,

 97, 7.846, 324.675

135.533

 84, 113.464,
135.521

 84, 114.543,
135.554

Harmonies

Complementary

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



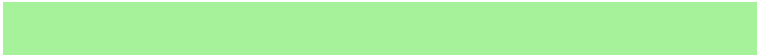
89, 52.907, 139.057



74, 53.318, 322.989

Rectangle

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



89, 52.907, 139.057



89, 52.907, 189.057



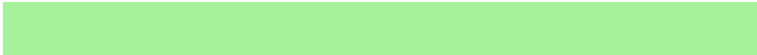
89, 52.907, 319.057



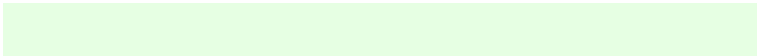
89, 52.907, 9.057

Sweetspot

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



89, 52.909, 139.058



98, 16.873, 140.734



91, 39.387, 101.062



52, 11.346, 140.655



0, 0.000, 0.000



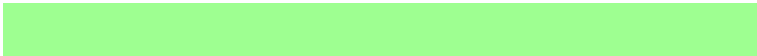
53, 0.007, 296.813

Same Dimension

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



89, 52.909, 139.058



92, 65.636, 138.481



89, 41.398, 154.618



50, 8.426, 140.822



66, 93.830, 135.456



21, 40.144, 135.668

Inverse Universe

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



74, 53.318, 322.989



74, 66.155, 323.296



74, 42.300, 340.865



48, 8.457, 321.726



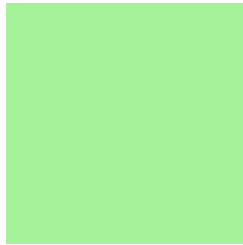
40, 91.981, 323.787



9, 40.834, 324.360

Previews

White Background



This preview shows how the CIELCh color 89, 52.907, 139.057 looks on a white background.

Color Contrast Check

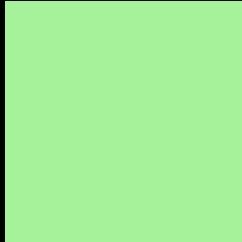
Large Text (above 18pt) WCAG AA × Fail

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 89, 52.907, 139.057 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 89, 52.907, 139.057

Background



This preview shows how black text looks on a background with the CIELCh color 89, 52.907, 139.057.

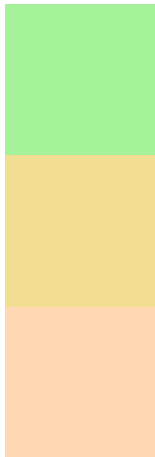


This preview shows how white text looks on a background with the CIELCh color 89, 52.907, 139.057.

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
89, 52.907, 139.057

Protanopia
89, 39.420, 95.045

Deuteranopia
88, 25.040, 69.582



Tritanopia
89, 18.128, 229.873

Trichromacy



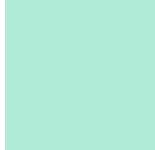
Original Color
89, 52.907, 139.057



Protanomaly
88, 40.787, 115.192



Deuteranomaly
88, 28.391, 110.160

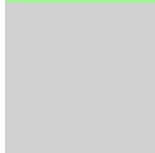


Tritanomaly
89, 23.002, 170.878

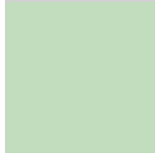
Monochromacy



Original Color
89, 52.907, 139.057



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 19.300, 141.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 52.907, 139.057 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(165, 242, 155)` looks like.

```
.text, #text, p{  
    color:rgb(165, 242, 155)  
}
```

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(165, 242, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 242, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 52.907, 139.057 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(165, 242, 155) }
```

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

```
.border{ border-color:rgb(165, 242, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 242, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 242, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 242, 155);  
box-shadow:4px 4px 4px 4px rgb(165, 242,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 52.907, 139.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 242, 155) }
```

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

```
.background{ background-color: rgb(165,  
242, 155) }
```

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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