

Converting Colors

CIELCh(89, 52.853, 140.942)

Have a look what the booklet for
CIELCh(89, 52.853, 140.942)
contains.

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Color

CIELCh(89, 52.988, 141.061)

Conversions

Conversions Part 1

Format	Color
Hex	A1F39E
RGB	161, 243, 158
RGB Percent	63%, 95%, 62%
CMY	0.3685, 0.0469, 0.3803
CMYK	0.34, 0.00, 0.35, 0.05
HSL	118°, 78%, 79%
HSV	118°, 35%, 95%
XYZ	52.9335, 74.1641, 43.8827
YIQ	208.7920, -21.5870, -43.8190

Conversions

Conversions Part 2

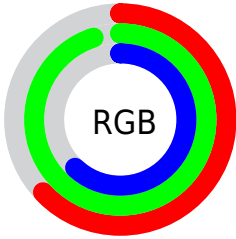
Format	Color
RYB	158, 243, 240
Decimal	10613662
CIELab	89.00, -41.21, 33.30
CIELCh	89, 52.988, 141.061
Yxy	74.1641, 0.3096, 0.4338
Android (android.graphics.Color)	4288803742 (0xFFA1F39E)
YUV	208.7920, -25.0405, -41.9136
Hunter-Lab	86.1186, -40.9911, 30.0712

Details

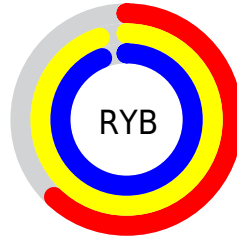
The CIELCh color **89, 52.988, 141.061** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **76, 53.063, 325.312**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 25.297, 140.298**, and **69, 52.646, 141.137** is the 20% darker color. If you saturate the color by 10%, you get **88, 67.470, 140.119**, and if you desaturate by 10%, it is **91, 37.964, 141.897**.

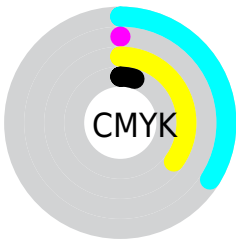
Distribution



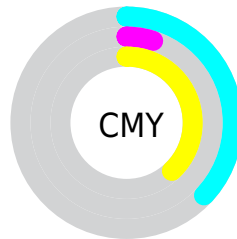
- Red (63%)
- Green (95%)
- Blue (62%)



- Red (62%)
- Yellow (95%)
- Blue (94%)



- Cyan (34%)
- Magenta (0%)
- Yellow (35%)
- Black (5%)



- Cyan (37%)
- Magenta (5%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 52.988, 141.061 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, 52.988, 141.061 by changing the saturation by 10% instead.

■ 89, 52.988,
141.061

■ 89, 52.988,
141.061

■ 100, 52.988,
141.061

■ 79, 52.988,
141.061

■ 69, 52.988,
141.061

■ 59, 52.988,
141.061

■ 49, 52.988,
141.061

■ 39, 52.988,
141.061


■ 29, 52.988,
141.061


■ 19, 52.988,


141.061


 9, 52.988, 141.061


 0, 52.988, 141.061


 89, 52.988,
141.061


 89, 52.988,
141.061

 88, 67.470,
140.119


 91, 37.964,
141.897

 86, 80.986,
139.096


 93, 22.718,
142.624

 85, 93.013,
138.055

 95, 7.499, 143.266


 85, 102.938,
137.104


 97, 7.419, 324.222

 84, 110.137,

 97, 7.458, 324.660

136.386

 84, 114.223,
136.022

 84, 115.330,
135.912

Harmonies

Complementary

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



89, 52.988, 141.061



76, 53.063, 325.312

Rectangle

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



89, 52.988, 141.061



89, 52.988, 191.061



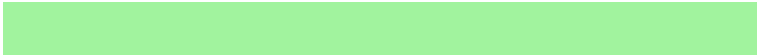
89, 52.988, 321.061



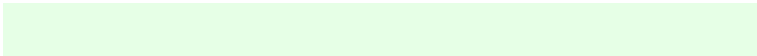
89, 52.988, 11.061

Sweetspot

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



89, 52.990, 141.061



98, 15.729, 142.948



93, 40.937, 104.535



52, 10.741, 142.858



0, 0.000, 0.000



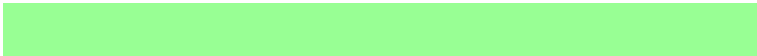
53, 0.007, 296.813

Same Dimension

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



89, 52.990, 141.061



92, 65.745, 140.399



90, 38.348, 157.771



50, 8.645, 142.982



66, 94.364, 135.871



20, 40.793, 136.869

Inverse Universe

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



76, 53.063, 325.312



75, 65.757, 325.650



75, 39.607, 344.237



48, 8.663, 323.980



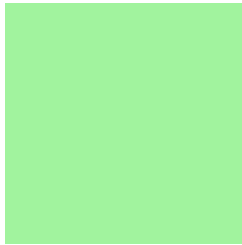
43, 91.383, 326.844



10, 40.619, 327.026

Previews

White Background



This preview shows how the CIELCh color 89, 52.988, 141.061 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, 52.988, 141.061 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

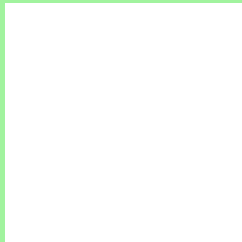
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 52.988, 141.061

Background



This preview shows how black text looks on a background with the CIELCh color 89, 52.988, 141.061.

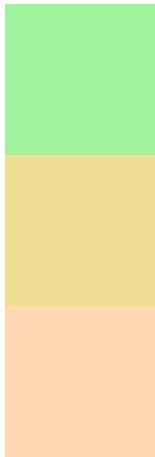


This preview shows how white text looks on a background with the CIELCh color 89, 52.988, 141.061.

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, 52.988, 141.061

Protanopia
89, 38.347, 95.444

Deuteranopia
89, 24.622, 68.904

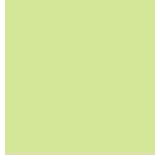


Tritanopia
89, 19.395, 227.530

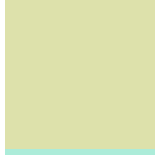
Trichromacy



Original Color
89, 52.988, 141.061



Protanomaly
88, 40.475, 116.964



Deuteranomaly
88, 27.904, 111.037



Tritanomaly
89, 24.137, 173.521

Monochromacy



Original Color
89, 52.988, 141.061



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 19.502, 141.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 52.988, 141.061 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(161, 243, 158)` looks like.

```
.text, #text, p{  
    color:rgb(161, 243, 158)  
}
```

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(161, 243, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 243, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 52.988, 141.061 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(161, 243, 158) }
```

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

```
.border{ border-color:rgb(161, 243, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 243, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 243, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 243, 158); box-shadow:4px 4px 4px 4px rgb(161, 243, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 52.988, 141.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 243, 158) }
```

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

```
.background{ background-color: rgb(161,  
243, 158) }
```

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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