

Converting Colors

CIELCh(89, 69.165, 135.327)

Have a look what the booklet for
CIELCh(89, 69.165, 135.327)
contains.

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Color

CIELCh(89, 69.081, 135.499)

Conversions

Conversions Part 1

Format	Color
Hex	99F67F
RGB	153, 246, 127
RGB Percent	60%, 96%, 50%
CMY	0.4003, 0.0356, 0.5022
CMYK	0.38, 0.00, 0.48, 0.04
HSL	107°, 87%, 73%
HSV	107°, 48%, 96%
XYZ	49.8840, 74.1641, 31.7424
YIQ	204.6270, -17.2290, -56.7250

Conversions

Conversions Part 2

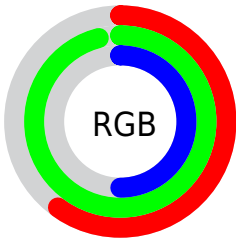
Format	Color
RYB	127, 246, 220
Decimal	10090111
CIELab	89.00, -49.27, 48.42
CIELCh	89, 69.081, 135.499
Yxy	74.1641, 0.3202, 0.4761
Android (android.graphics.Color)	4288280191 (0xFF99F67F)
YUV	204.6270, -38.2701, -45.2769
Hunter-Lab	86.1186, -47.3118, 38.4294

Details

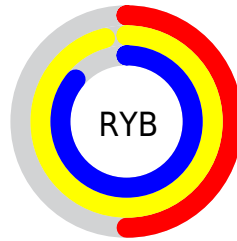
The CIELCh color **89, 69.081, 135.499** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **67, 70.615, 320.313**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 40.450, 131.260**, and **69, 69.255, 135.414** is the 20% darker color. If you saturate the color by 10%, you get **88, 81.946, 134.862**, and if you desaturate by 10%, it is **90, 55.335, 136.159**.

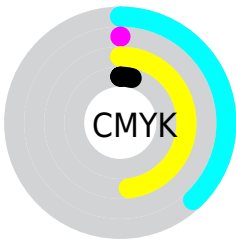
Distribution



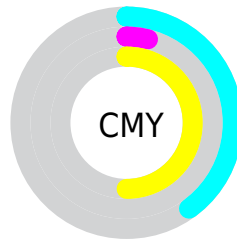
- Red (60%)
- Green (96%)
- Blue (50%)



- Red (50%)
- Yellow (96%)
- Blue (86%)



- Cyan (38%)
- Magenta (0%)
- Yellow (48%)
- Black (4%)




- Cyan (40%)
- Magenta (4%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 69.081, 135.499 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, 69.081, 135.499 by changing the saturation by 10% instead.

 89, 69.081,
135.499

 89, 69.081,
135.499

 100, 69.081,
135.499

 79, 69.081,
135.499

 69, 69.081,
135.499

 59, 69.081,
135.499

 49, 69.081,
135.499

 39, 69.081,
135.499

 29, 69.081,
135.499

 19, 69.081,


135.499


 9, 69.081, 135.499


 0, 69.081, 135.499


 89, 69.081,
135.499


 89, 69.081,
135.499


 88, 81.946,
134.862


 90, 55.335,
136.159


 87, 93.426,
134.331


 92, 41.080,
136.791

 86, 102.909,
134.027

 93, 26.594,
137.371

 86, 109.787,
134.081

 95, 12.078,
137.896


 85, 113.837,

 97, 2.324, 318.224

134.529



98, 5.645, 324.583

 85, 114.338,
134.599

Harmonies

Complementary

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



89, 69.081, 135.499



67, 70.615, 320.313

Rectangle

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



89, 69.081, 135.499



89, 69.081, 185.499



89, 69.081, 315.499



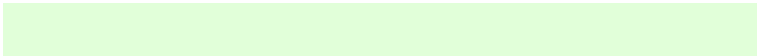
89, 69.081, 5.499

Sweetspot

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



89, 69.082, 135.500



97, 22.321, 137.553



88, 48.172, 92.319



51, 15.239, 137.439



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, 69.082, 135.500



91, 83.879, 134.879



88, 61.021, 148.484



50, 8.161, 137.840



66, 92.563, 134.429



21, 39.336, 134.050

Inverse Universe

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



67, 70.615, 320.313



64, 85.847, 320.599



69, 61.289, 336.568



48, 8.210, 318.656



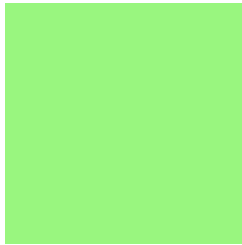
37, 93.225, 320.060



8, 41.272, 321.069

Previews

White Background



This preview shows how the CIELCh color 89, 69.081, 135.499 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, 69.081, 135.499 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, 69.081, 135.499

Background



This preview shows how black text looks on a background with the CIELCh color 89, 69.081, 135.499.



This preview shows how white text looks on a background with the CIELCh color 89, 69.081, 135.499.

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



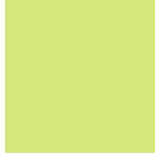


Tritanopia
89, 20.354, 227.689

Trichromacy



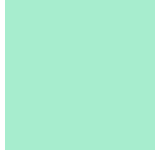
Original Color
89, 69.081, 135.499



Protanomaly
88, 55.252, 113.676



Deuteranomaly
88, 37.574, 112.491

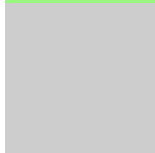


Tritanomaly
89, 29.297, 164.006

Monochromacy



Original Color
89, 69.081, 135.499



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 25.907, 137.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 69.081, 135.499 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(153, 246, 127)` looks like.

```
.text, #text, p{  
    color:rgb(153, 246, 127)  
}
```

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(153, 246, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 246, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 69.081, 135.499 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(153, 246, 127) }
```

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

```
.border{ border-color:rgb(153, 246, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 246, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 246, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 246, 127);  
box-shadow:4px 4px 4px 4px rgb(153, 246,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 69.081, 135.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 246, 127) }
```

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

```
.background{ background-color: rgb(153,  
246, 127) }
```

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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