

Converting Colors

CIELCh(89, 88.739, 139.360)

Have a look what the booklet for
CIELCh(89, 88.739, 139.360)
contains.

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Color

CIELCh(89, 88.982, 139.327)

Conversions

Conversions Part 1

Format	Color
Hex	69FD69
RGB	105, 253, 105
RGB Percent	41%, 99%, 41%
CMY	0.5889, 0.0084, 0.5888
CMYK	0.59, 0.00, 0.59, 0.01
HSL	120°, 97%, 70%
HSV	120°, 59%, 99%
XYZ	43.4254, 74.1641, 25.3526
YIQ	191.8760, -40.7000, -77.4040

Conversions

Conversions Part 2

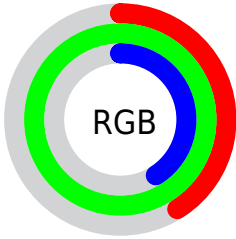
Format	Color
RYB	105, 253, 253
Decimal	6946153
CIELab	89.00, -67.49, 57.99
CIELCh	89, 88.982, 139.327
Yxy	74.1641, 0.3038, 0.5188
Android (android.graphics.Color)	4285136233 (0xFF69FD69)
YUV	191.8760, -42.8299, -76.1903
Hunter-Lab	86.1186, -60.6987, 42.8285

Details

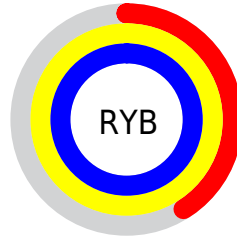
The CIELCh color **89, 88.982, 139.327** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **68, 88.079, 327.418**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 57.702, 139.699**, and **69, 89.073, 139.295** is the 20% darker color. If you saturate the color by 10%, you get **88, 100.615, 138.187**, and if you desaturate by 10%, it is **90, 75.504, 140.463**.

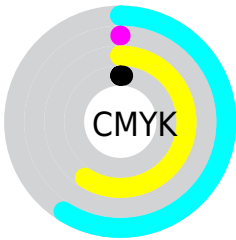
Distribution



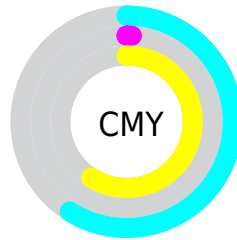
- Red (41%)
- Green (99%)
- Blue (41%)



- Red (41%)
- Yellow (99%)
- Blue (99%)



- Cyan (59%)
- Magenta (0%)
- Yellow (59%)
- Black (1%)




- Cyan (59%)
- Magenta (1%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 88.982, 139.327 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, 88.982, 139.327 by changing the saturation by 10% instead.

 89, 88.982,
139.327

 89, 88.982,
139.327

 100, 88.982,
139.327

 79, 88.982,
139.327

 69, 88.982,
139.327

 59, 88.982,
139.327

 49, 88.982,
139.327

 39, 88.982,
139.327


 29, 88.982,
139.327


 19, 88.982,


139.327


 9, 88.982, 139.327


 0, 88.982, 139.327


 89, 88.982,
139.327


 89, 88.982,
139.327


 88, 100.615,
138.187


 90, 75.504,
140.463


 88, 109.748,
137.171


 91, 60.772,
141.517


 87, 115.805,
136.431

 93, 45.276,
142.453

 87, 118.710,
136.056

 95, 29.412,
143.265

 87, 119.010,

 97, 13.480,

136.017

143.966

99, 1.342, 324.258

Harmonies

Complementary

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



89, 88.982, 139.327



68, 88.079, 327.418

Rectangle

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



89, 88.982, 139.327



89, 88.982, 189.327



89, 88.982, 319.327



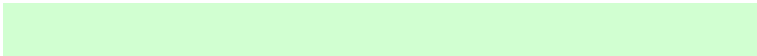
89, 88.982, 9.327

Sweetspot

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



89, 88.983, 139.328



96, 28.747, 143.304



97, 71.268, 104.695



51, 19.989, 143.082



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, 88.983, 139.328



89, 102.809, 138.024



90, 60.996, 157.016



52, 9.042, 143.902



68, 96.471, 136.018



22, 43.821, 136.780

Inverse Universe

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



68, 88.079, 327.418



65, 100.929, 327.799



65, 64.429, 350.524



50, 9.056, 324.952



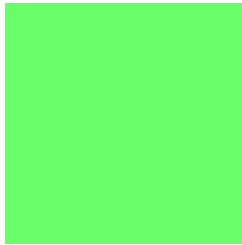
45, 93.068, 328.241



12, 42.817, 328.240

Previews

White Background



This preview shows how the CIE LCh color 89, 88.982, 139.327 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, 88.982, 139.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

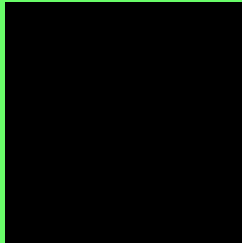
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

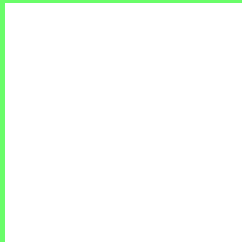
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 88.982, 139.327

Background



This preview shows how black text looks on a background with the CIELCh color 89, 88.982, 139.327.

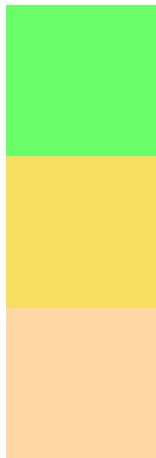


This preview shows how white text looks on a background with the CIELCh color 89, 88.982, 139.327.

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, 88.982, 139.327

Protanopia
88, 63.901, 95.671

Deuteranopia
88, 31.186, 76.951

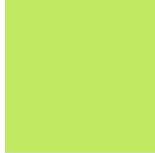


Tritanopia
89, 28.702, 217.022

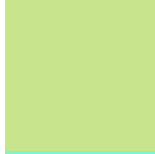
Trichromacy



Original Color
89, 88.982, 139.327



Protanomaly
87, 67.683, 117.971



Deuteranomaly
87, 45.826, 120.947

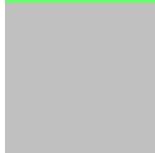


Tritanomaly
88, 43.506, 165.594

Monochromacy



Original Color
89, 88.982, 139.327



Achromatopsia
78, 0.009, 296.813



Achromatomaly
81, 34.990, 142.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 88.982, 139.327 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(105, 253, 105)` looks like.

```
.text, #text, p{  
    color:rgb(105, 253, 105)  
}
```

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(105, 253, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 253, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 88.982, 139.327 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(105, 253, 105) }
```

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

```
.border{ border-color:rgb(105, 253, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 253, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 253, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 253, 105);  
box-shadow:4px 4px 4px 4px rgb(105, 253,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 88.982, 139.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 253, 105) }
```

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

```
.background{ background-color: rgb(105,  
253, 105) }
```

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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