

Converting Colors

CIELCh(89, 98.223, 141.213)

Have a look what the booklet for
CIELCh(89, 98.223, 141.213)
contains.

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Color

CIELCh(89, 97.716, 141.257)

Conversions

Conversions Part 1

Format	Color
Hex	43FF61
RGB	67, 255, 97
RGB Percent	26%, 100%, 38%
CMY	0.7358, 0.0000, 0.6202
CMYK	0.74, 0.00, 0.62, 0.00
HSL	129°, 100%, 63%
HSV	129°, 74%, 100%
XYZ	40.5395, 74.1641, 23.4489
YIQ	180.7760, -61.3300, -88.9940

Conversions

Conversions Part 2

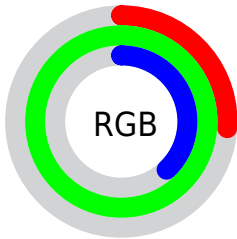
Format	Color
RYB	67, 229, 255
Decimal	4456289
CIELab	89.00, -76.21, 61.15
CIElCh	89, 97.716, 141.257
Yxy	74.1641, 0.2934, 0.5368
Android (android.graphics.Color)	4282646369 (0xFF43FF61)
YUV	180.7760, -41.3016, -99.7816
Hunter-Lab	86.1186, -66.6803, 44.1392

Details

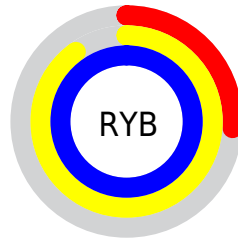
The CIELCh color **89, 97.716, 141.257** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **62, 93.461, 333.818**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 66.243, 143.644**, and **70, 93.020, 138.447** is the 20% darker color. If you saturate the color by 10%, you get **88, 106.001, 139.752**, and if you desaturate by 10%, it is **89, 86.793, 142.790**.

Distribution



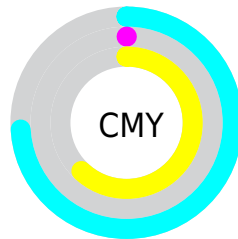
- Red (26%)
- Green (100%)
- Blue (38%)



- Red (26%)
- Yellow (90%)
- Blue (100%)



- Cyan (74%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)





- Cyan (74%)
- Magenta (0%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 97.716, 141.257 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, 97.716, 141.257 by changing the saturation by 10% instead.


 89, 97.716,
141.257

 89, 97.716,
141.257

 100, 97.716,
141.257

 79, 97.716,
141.257

 69, 97.716,
141.257

 59, 97.716,
141.257


 49, 97.716,
141.257

 39, 97.716,
141.257


 29, 97.716,
141.257

 19, 97.716,


141.257


 9, 97.716, 141.257


 0, 97.716, 141.257


 89, 97.716,
141.257


 89, 97.716,
141.257


 88, 106.001,
139.752

 89, 86.793,
142.790

 88, 112.580,
138.277

 90, 74.829,
144.169


 88, 115.647,
137.466

 92, 61.778,
145.397

 93, 47.989,
146.469

 95, 33.776,

147.396

 97, 19.401,
148.195

 99, 5.073, 148.925

100, 0.012,
296.813

Harmonies

Complementary

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



89, 97.716, 141.257



62, 93.461, 333.818

Rectangle

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



89, 97.716, 141.257



89, 97.716, 191.257



89, 97.716, 321.257



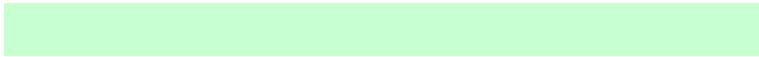
89, 97.716, 11.257

Sweetspot

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



89, 97.302, 141.295



95, 31.512, 147.530



95, 86.404, 111.357



50, 21.176, 147.297



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, 97.302, 141.295



88, 109.187, 139.083



90, 63.537, 163.218



52, 8.105, 148.492



68, 92.613, 137.706



23, 40.421, 139.939

Inverse Universe

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



62, 93.461, 333.818



59, 100.532, 334.860



59, 73.910, 5.400



50, 8.126, 329.623



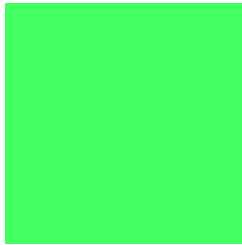
44, 82.311, 335.675



12, 38.423, 334.641

Previews

White Background



This preview shows how the CIELCh color 89, 97.716, 141.257 looks on a white background.

Color Contrast Check

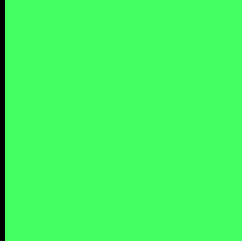
Large Text (above 18pt) WCAG AA × Fail

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, 97.716, 141.257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

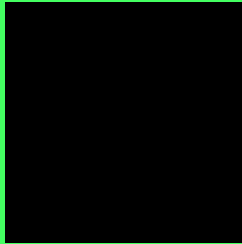
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 97.716, 141.257

Background



This preview shows how black text looks on a background with the CIELCh color 89, 97.716, 141.257.

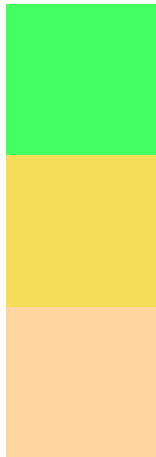


This preview shows how white text looks on a background with the CIELCh color 89, 97.716, 141.257.

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, 97.287, 141.341

Protanopia
88, 66.898, 95.403

Deuteranopia
88, 32.802, 77.499



Tritanopia
88, 31.358, 215.189

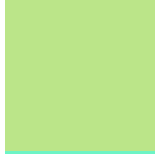
Trichromacy



Original Color
89, 97.287, 141.341



Protanomaly
86, 72.453, 121.328



Deuteranomaly
86, 49.731, 125.597



Tritanomaly
88, 49.291, 166.414

Monochromacy



Original Color
89, 97.287, 141.341



Achromatopsia
74, 0.009, 296.813



Achromatomaly
78, 39.915, 146.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 97.716, 141.257 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(67, 255, 97)` looks like.

```
.text, #text, p{  
    color:rgb(67, 255, 97)  
}
```

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(67, 255, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 255, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 97.716, 141.257 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(67, 255, 97) }
```

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

```
.border{ border-color:rgb(67, 255, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 255, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 255, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 255, 97);  
box-shadow:4px 4px 4px 4px rgb(67, 255,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 97.716, 141.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 255, 97) }
```

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

```
.background{ background-color: rgb(67, 255,  
97) }
```

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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