

Converting Colors

CIELCh(97, 99.187, 139.130)

Have a look what the booklet for
CIELCh(97, 99.187, 139.130)
contains.

CIELCh(90, 87.583, 139.632)	3
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Color

CIELCh(90, 87.583, 139.632)

Conversions

Conversions Part 1

Format	Color
Hex	6EFF6F
RGB	110, 255, 111
RGB Percent	43%, 100%, 44%
CMY	0.5701, 0.0000, 0.5666
CMYK	0.57, 0.00, 0.57, 0.00
HSL	120°, 100%, 71%
HSV	120°, 57%, 100%
XYZ	45.1627, 76.3034, 27.2464
YIQ	195.2290, -40.1960, -75.5240

Conversions

Conversions Part 2

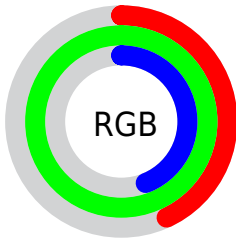
Format	Color
RYB	110, 254, 255
Decimal	7274351
CIELab	90.00, -66.73, 56.73
CIElCh	90, 87.583, 139.632
Yxy	76.3034, 0.3037, 0.5131
Android (android.graphics.Color)	4285464431 (0xFF6EFF6F)
YUV	195.2290, -41.5249, -74.7458
Hunter-Lab	87.3518, -60.5773, 42.6528

Details

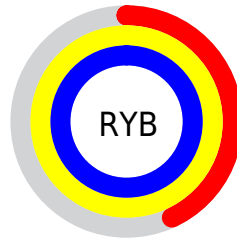
The CIELCh color **90, 87.583, 139.632** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **69, 86.467, 327.540**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 54.425, 140.301**, and **70, 87.172, 139.635** is the 20% darker color. If you saturate the color by 10%, you get **89, 99.332, 138.484**, and if you desaturate by 10%, it is **91, 73.542, 140.780**.

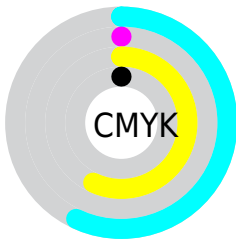
Distribution



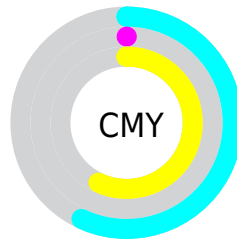
- Red (43%)
- Green (100%)
- Blue (44%)



- Red (43%)
- Yellow (100%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)





- Cyan (57%)
- Magenta (0%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 87.583, 139.632 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 90, 87.583, 139.632 by changing the saturation by 10% instead.


 90, 87.583,
139.632


 90, 87.583,
139.632

 100, 87.583,
139.632

 80, 87.583,
139.632


 70, 87.583,
139.632

 60, 87.583,
139.632

 50, 87.583,
139.632

 40, 87.583,
139.632

 30, 87.583,
139.632

 20, 87.583,

139.632

■ 10, 87.583,
139.632

■ 0, 87.583, 139.632

■ 90, 87.583,
139.632

■ 90, 87.583,
139.632

■ 89, 99.332,
138.484

■ 91, 73.542,
140.780

■ 88, 108.981,
137.416

■ 92, 58.614,
141.821

■ 88, 115.652,
136.590

■ 94, 42.992,
142.740

■ 88, 119.076,
136.128

■ 96, 27.055,
143.536

■ 88, 119.680,
136.050

■ 98, 11.090,
144.225

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.



90, 87.583, 139.632



69, 86.467, 327.540

Rectangle

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



90, 87.583, 139.632



90, 87.583, 189.632



90, 87.583, 319.632



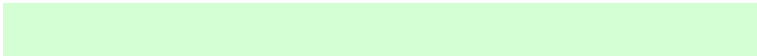
90, 87.583, 9.632

Sweetspot

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



90, 87.305, 139.645



96, 27.031, 143.537



98, 70.153, 104.813



51, 18.091, 143.386



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 87.305, 139.645



89, 100.399, 138.373



91, 60.040, 157.253



52, 9.005, 144.061



68, 96.361, 136.065



22, 43.688, 136.892

Inverse Universe

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



69, 86.467, 327.540



65, 98.635, 327.932



66, 63.441, 350.256



50, 9.019, 325.113



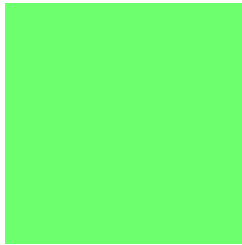
45, 92.630, 328.481



12, 42.639, 328.451

Previews

White Background



This preview shows how the CIE LCh color 90, 87.583, 139.632 looks on a white background.

Color Contrast Check

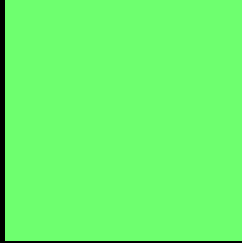
Large Text (above 18pt) WCAG AA × Fail

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 90, 87.583, 139.632 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

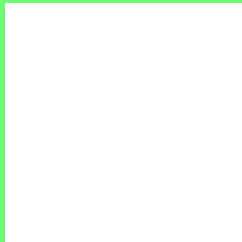
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 87.583, 139.632

Background



This preview shows how black text looks on a background with the CIELCh color 90, 87.583, 139.632.

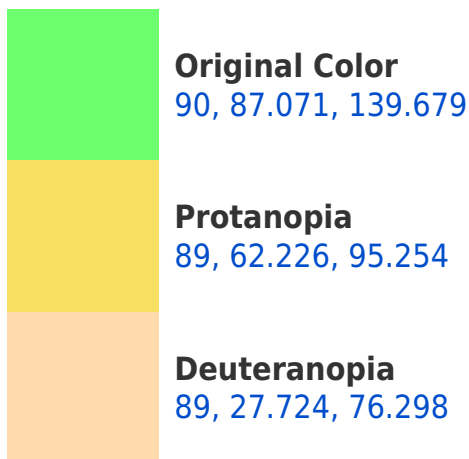


This preview shows how white text looks on a background with the CIELCh color 90, 87.583, 139.632.

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



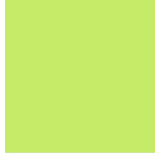


Tritanopia
90, 26.252, 217.777

Trichromacy



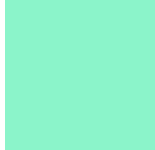
Original Color
90, 87.071, 139.679



Protanomaly
88, 66.293, 117.987



Deuteranomaly
88, 42.909, 122.083

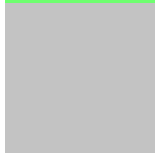


Tritanomaly
89, 41.370, 164.862

Monochromacy



Original Color
90, 87.071, 139.679



Achromatopsia
79, 0.010, 296.813



Achromatomaly
82, 34.253, 142.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 87.583, 139.632 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(110, 255, 111)` looks like.

```
.text, #text, p{  
    color:rgb(110, 255, 111)  
}
```

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(110, 255, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 255, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 87.583, 139.632 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(110, 255, 111) }
```

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

```
.border{ border-color:rgb(110, 255, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 255, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 255, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 255, 111);  
box-shadow:4px 4px 4px 4px rgb(110, 255,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 87.583, 139.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 255, 111) }
```

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

```
.background{ background-color: rgb(110,  
255, 111) }
```

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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