

Converting Colors

CIELCh(89, 66.376, 126.689)

Have a look what the booklet for
CIELCh(89, 66.376, 126.689)
contains.

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Color

CIELCh(89, 66.802, 126.824)

Conversions

Conversions Part 1

Format	Color
Hex	B3F275
RGB	179, 242, 117
RGB Percent	70%, 95%, 46%
CMY	0.2991, 0.0521, 0.5422
CMYK	0.26, 0.00, 0.52, 0.05
HSL	90°, 82%, 70%
HSV	90°, 52%, 95%
XYZ	53.3889, 74.1641, 28.2502
YIQ	208.9130, 2.5770, -52.2310

Conversions

Conversions Part 2

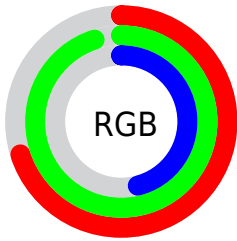
Format	Color
RYB	117, 242, 180
Decimal	11793013
CIELab	89.00, -40.04, 53.47
CIELCh	89, 66.802, 126.824
Yxy	74.1641, 0.3427, 0.4760
Android (android.graphics.Color)	4289983093 (0xFFB3F275)
YUV	208.9130, -45.3131, -26.2337
Hunter-Lab	86.1186, -40.0471, 40.8336

Details

The CIELCh color **89, 66.802, 126.824** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **61, 72.128, 311.839**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 42.195, 116.456**, and **69, 66.955, 126.907** is the 20% darker color. If you saturate the color by 10%, you get **88, 78.210, 126.529**, and if you desaturate by 10%, it is **90, 54.527, 127.247**.

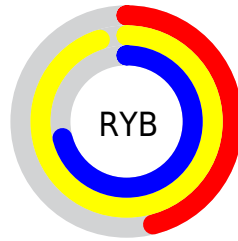
Distribution



Red (70%)

Green (95%)

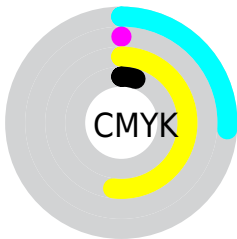
Blue (46%)



Red (46%)

Yellow (95%)

Blue (71%)

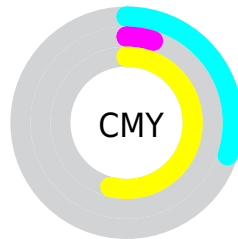


Cyan (26%)

Magenta (0%)

Yellow (52%)

Black (5%)



Cyan (30%)


Magenta (5%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 66.802, 126.824 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, 66.802, 126.824 by changing the saturation by 10% instead.


 89, 66.802,
126.824

 89, 66.802,
126.824


 100, 66.802,
126.824


 79, 66.802,
126.824

 69, 66.802,
126.824

 59, 66.802,
126.824

 49, 66.802,
126.824

 39, 66.802,
126.824


 29, 66.802,
126.824


 19, 66.802,


126.824


 9, 66.802, 126.824

 0, 66.802, 126.824


 89, 66.802,
126.824


 89, 66.802,
126.824


 88, 78.210,
126.529


 90, 54.527,
127.247


 87, 88.272,
126.459


 91, 41.727,
127.725

 87, 96.413,
126.744

 92, 28.644,
128.216

 86, 102.139,
127.504

 94, 15.441,
128.697

 86, 105.186,

 95, 2.234, 129.200

128.455

 97, 7.702, 317.835

 97, 8.274, 324.692

Harmonies

Complementary

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



89, 66.802, 126.824



61, 72.128, 311.839

Rectangle

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



89, 66.802, 126.824



89, 66.802, 176.824



89, 66.802, 306.824



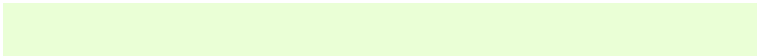
89, 66.802, 356.824

Sweetspot

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



89, 66.803, 126.825



98, 22.055, 128.490



78, 43.513, 68.883



52, 14.891, 128.391



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, 66.803, 126.825



92, 81.975, 126.520



86, 77.096, 140.119



50, 7.442, 128.802



67, 85.343, 128.171



20, 35.175, 127.143

Inverse Universe

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



61, 72.128, 311.839



57, 90.029, 312.314



68, 76.607, 327.130



46, 7.544, 309.626



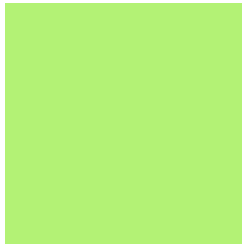
29, 97.408, 311.996



5, 39.648, 312.197

Previews

White Background



This preview shows how the CIELCh color 89, 66.802, 126.824 looks on a white background.

Color Contrast Check

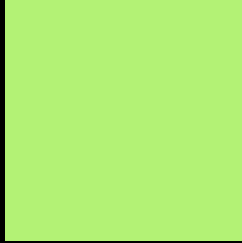
Large Text (above 18pt) WCAG AA × Fail

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, 66.802, 126.824 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, 66.802, 126.824

Background



This preview shows how black text looks on a background with the CIELCh color 89, 66.802, 126.824.



This preview shows how white text looks on a background with the CIELCh color 89, 66.802, 126.824.

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



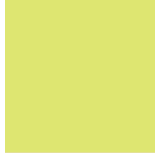


Tritanopia
89, 13.721, 242.227

Trichromacy



Original Color
89, 66.802, 126.824



Protanomaly
89, 58.457, 108.575



Deuteranomaly
88, 38.443, 105.759

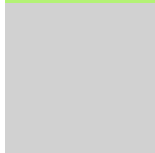


Tritanomaly
89, 23.638, 149.569

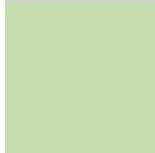
Monochromacy



Original Color
89, 66.802, 126.824



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 25.520, 128.119

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 66.802, 126.824 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(179, 242, 117)` looks like.

```
.text, #text, p{  
    color:rgb(179, 242, 117)  
}
```

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(179, 242, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 242, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 66.802, 126.824 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(179, 242, 117) }
```

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

```
.border{ border-color:rgb(179, 242, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 242, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 242, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 242, 117);  
box-shadow:4px 4px 4px 4px rgb(179, 242,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 66.802, 126.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 242, 117) }
```

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

```
.background{ background-color: rgb(179,  
242, 117) }
```

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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