

Converting Colors

CIELCh(85, 56.739, 119.992)

Have a look what the booklet for
CIELCh(85, 56.739, 119.992)
contains.

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Color

CIELCh(85, 56.777, 119.930)

Conversions

Conversions Part 1

Format	Color
Hex	BEE174
RGB	190, 225, 116
RGB Percent	75%, 88%, 45%
CMY	0.2552, 0.1179, 0.5454
CMYK	0.16, 0.00, 0.48, 0.12
HSL	79°, 64%, 67%
HSV	79°, 48%, 88%
XYZ	51.2701, 66.0070, 26.5400
YIQ	202.1090, 14.1290, -41.3190

Conversions

Conversions Part 2

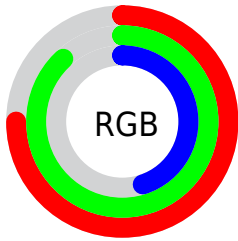
Format	Color
RYB	116, 225, 151
Decimal	12509556
CIELab	85.00, -28.33, 49.20
CIElCh	85, 56.777, 119.930
Yxy	66.0070, 0.3565, 0.4590
Android (android.graphics.Color)	4290699636 (0xFFBEE174)
YUV	202.1090, -42.4517, -10.6196
Hunter-Lab	81.2447, -29.5344, 37.5032

Details

The CIELCh color **85, 56.777, 119.930** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **57, 62.971, 306.100**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 42.633, 110.588**, and **65, 56.991, 120.235** is the 20% darker color. If you saturate the color by 10%, you get **84, 67.254, 119.540**, and if you desaturate by 10%, it is **86, 45.592, 120.433**.

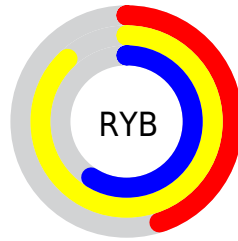
Distribution



Red (75%)

Green (88%)

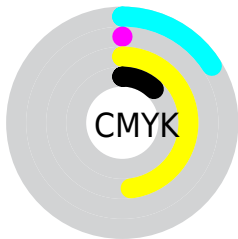
Blue (45%)



Red (45%)

Yellow (88%)

Blue (59%)

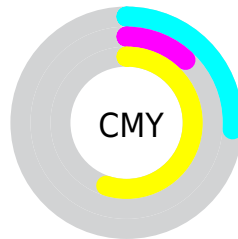


Cyan (16%)

Magenta (0%)

Yellow (48%)

Black (12%)



Cyan (26%)


Magenta (12%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 56.777, 119.930 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 85, 56.777, 119.930 by changing the saturation by 10% instead.


 85, 56.777,
119.930


 85, 56.777,
119.930


 100, 56.777,
119.930


 75, 56.777,
119.930

 65, 56.777,
119.930

 55, 56.777,
119.930

 45, 56.777,
119.930

 35, 56.777,
119.930

 25, 56.777,
119.930

 15, 56.777,

119.930

■ 5, 56.777, 119.930

■ 0, 56.777, 119.930

■ 85, 56.777,
119.930

■ 85, 56.777,
119.930

■ 84, 67.254,
119.540

■ 86, 45.592,
120.433

■ 84, 76.619,
119.340

■ 87, 33.976,
120.989

■ 83, 84.356,
119.438

■ 88, 22.117,
121.564

■ 83, 89.951,
119.948

■ 89, 10.143,
122.135

■ 82, 93.269,

■ 90, 1.860, 302.644

120.915

91, 13.832,
303.192

82, 93.696,
121.076

92, 16.560,
310.199

92, 17.532,
318.030

93, 18.795,
325.022

Harmonies

Complementary

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



85, 56.777, 119.930



57, 62.971, 306.100

Rectangle

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



85, 56.777, 119.930



85, 56.777, 169.930



85, 56.777, 299.930



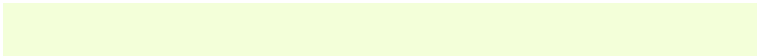
85, 56.777, 349.930

Sweetspot

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



85, 56.778, 119.932



98, 19.910, 121.756



69, 38.205, 50.735



52, 13.579, 121.634



0, 0.000, 0.000



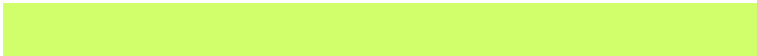
53, 0.007, 296.813

Same Dimension

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



85, 56.778, 119.932



94, 73.884, 119.542



82, 65.050, 136.411



47, 6.797, 122.079



66, 77.860, 120.832



18, 29.230, 120.701

Inverse Universe

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



57, 62.971, 306.100



57, 84.196, 306.970



62, 66.142, 321.395



43, 6.922, 303.132



24, 97.903, 308.645



3, 32.405, 303.938

Previews

White Background



This preview shows how the CIELCh color 85, 56.777, 119.930 looks on a white background.

Color Contrast Check

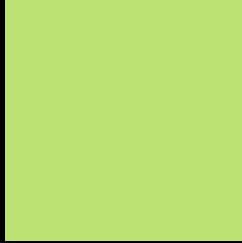
Large Text (above 18pt) WCAG AA × Fail

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 85, 56.777, 119.930 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 85, 56.777, 119.930

Background



This preview shows how black text looks on a background with the CIELCh color 85, 56.777, 119.930.



This preview shows how white text looks on a background with the CIELCh color 85, 56.777, 119.930.

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](#).

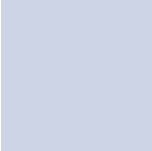
Dichromacy



Original Color
85, 56.777, 119.930

Protanopia
85, 52.326, 95.921

Deuteranopia
85, 44.323, 77.299



Tritanopia
85, 9.313, 273.641

Trichromacy



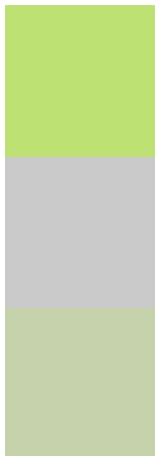
Original Color
85, 56.777, 119.930

Protanomaly
85, 52.734, 105.618

Deuteranomaly
85, 45.136, 95.655

Tritanomaly
85, 16.643, 132.605

Monochromacy



Original Color
85, 56.777, 119.930

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 20.997, 121.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 56.777, 119.930 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(190, 225, 116)` looks like.

```
.text, #text, p{  
    color:rgb(190, 225, 116)  
}
```

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(190, 225, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 225, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 56.777, 119.930 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(190, 225, 116) }
```

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

```
.border{ border-color:rgb(190, 225, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 225, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 225, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 225, 116);  
box-shadow:4px 4px 4px 4px rgb(190, 225,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 56.777, 119.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 225, 116) }
```

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

```
.background{ background-color: rgb(190,  
225, 116) }
```

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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