

Converting Colors

CIELCh(86, 39.449, 119.349)

Have a look what the booklet for
CIELCh(86, 39.449, 119.349)
contains.

CIELCh(86, 39.518, 119.582)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(86, 39.518, 119.582)

Conversions

Conversions Part 1

Format	Color
Hex	CAE095
RGB	202, 224, 149
RGB Percent	79%, 88%, 58%
CMY	0.2081, 0.1218, 0.4159
CMYK	0.10, 0.00, 0.33, 0.12
HSL	78°, 55%, 73%
HSV	78°, 33%, 88%
XYZ	56.3937, 67.9871, 38.5563
YIQ	208.8720, 10.9630, -27.9890

Conversions

Conversions Part 2

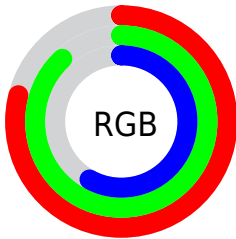
Format	Color
RYB	149, 224, 171
Decimal	13295765
CIELab	86.00, -19.51, 34.37
CIELCh	86, 39.518, 119.582
Yxy	67.9871, 0.3461, 0.4173
Android (android.graphics.Color)	4291485845 (0xFFCAE095)
YUV	208.8720, -29.5169, -6.0267
Hunter-Lab	82.4543, -22.2120, 29.9935

Details

The CIELCh color **86, 39.518, 119.582** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 42.350, 303.921**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 25.735, 108.225**, and **66, 39.774, 119.620** is the 20% darker color. If you saturate the color by 10%, you get **85, 50.836, 119.028**, and if you desaturate by 10%, it is **87, 27.873, 120.175**.

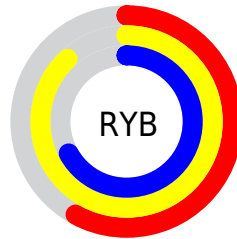
Distribution



Red (79%)

Green (88%)

Blue (58%)



Red (58%)

Yellow (88%)

Blue (67%)

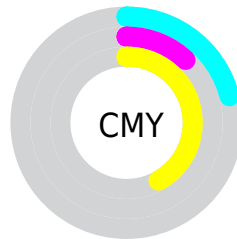


Cyan (10%)

Magenta (0%)

Yellow (33%)

Black (12%)



Cyan (21%)


Magenta (12%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 39.518, 119.582 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 86, 39.518, 119.582 by changing the saturation by 10% instead.


 86, 39.518,
119.582


 86, 39.518,
119.582


 100, 39.518,
119.582


 76, 39.518,
119.582

 66, 39.518,
119.582

 56, 39.518,
119.582

 46, 39.518,
119.582

 36, 39.518,
119.582

 26, 39.518,
119.582

 16, 39.518,

119.582

■ 6, 39.518, 119.582

■ 0, 39.518, 119.582

■ 86, 39.518,
119.582

■ 86, 39.518,
119.582

■ 85, 50.836,
119.028

■ 87, 27.873,
120.175

■ 85, 61.591,
118.552

■ 88, 16.048,
120.773

■ 84, 71.449,
118.221

■ 89, 4.148, 121.366

■ 83, 79.945,
118.128

■ 90, 7.756, 301.908

■ 91, 16.620,
304.316

■ 83, 86.539,

118.382

91, 17.274,
311.679

82, 90.815,
119.083

92, 18.190,
318.491

82, 92.574,
119.736

92, 19.337,
324.651

92, 19.434,
325.100

Harmonies

Complementary

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



86, 39.518, 119.582



66, 42.350, 303.921

Rectangle

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



86, 39.518, 119.582



86, 39.518, 169.582



86, 39.518, 299.582



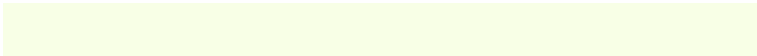
86, 39.518, 349.582

Sweetspot

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



86, 39.520, 119.584



99, 13.219, 120.976



74, 25.080, 47.829



53, 9.019, 120.892



0, 0.000, 0.000



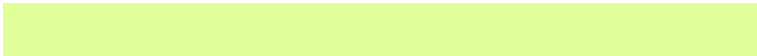
53, 0.007, 296.813

Same Dimension

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



86, 39.520, 119.584



96, 52.135, 119.200



84, 44.887, 136.534



47, 6.767, 121.013



66, 77.202, 119.507



18, 29.022, 119.413

Inverse Universe

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



66, 42.350, 303.921



70, 56.819, 304.520



70, 45.636, 319.779



43, 6.896, 302.119



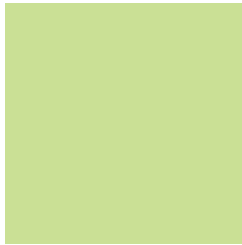
23, 98.377, 308.273



3, 32.294, 303.101

Previews

White Background



This preview shows how the CIELCh color 86, 39.518, 119.582 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 CIE LCh color 86, 39.518, 119.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

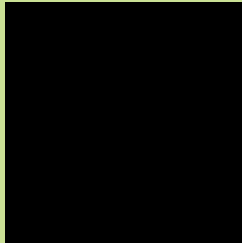
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 39.518, 119.582

Background



This preview shows how black text looks on a background with the CIELCh color 86, 39.518, 119.582.

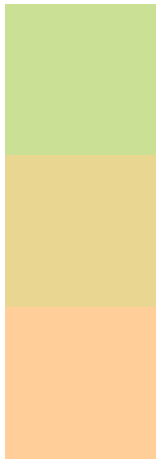


This preview shows how white text looks on a background with the CIELCh color 86, 39.518, 119.582.

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](#).

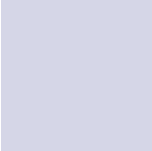
Dichromacy



Original Color
86, 39.518, 119.582

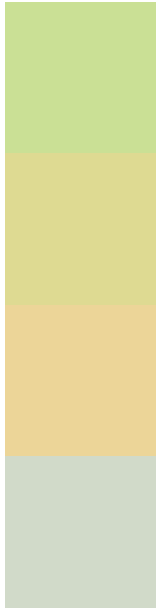
Protanopia
86, 36.982, 95.632

Deuteranopia
86, 34.522, 72.354



Tritanopia
86, 8.929, 288.698

Trichromacy



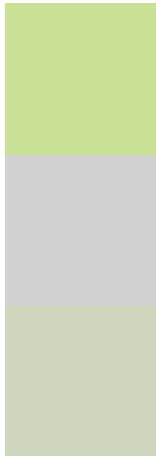
Original Color
86, 39.518, 119.582

Protanomaly
86, 37.164, 104.504

Deuteranomaly
86, 33.097, 91.112

Tritanomaly
86, 9.507, 129.768

Monochromacy



Original Color
86, 39.518, 119.582

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 14.472, 120.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 39.518, 119.582 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(202, 224, 149)` looks like.

```
.text, #text, p{  
    color:rgb(202, 224, 149)  
}
```

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(202, 224, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 224, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 39.518, 119.582 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(202, 224, 149) }
```

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

```
.border{ border-color:rgb(202, 224, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 224, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 224, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 224, 149);  
box-shadow:4px 4px 4px 4px rgb(202, 224,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 39.518, 119.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 224, 149) }
```

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

```
.background{ background-color: rgb(202,  
224, 149) }
```

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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