

Converting Colors

CIELCh(86, 39.066, 103.803)

Have a look what the booklet for
CIELCh(86, 39.066, 103.803)
contains.

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Color

CIELCh(86, 39.183, 103.854)

Conversions

Conversions Part 1

Format	Color
Hex	DFDA8E
RGB	223, 218, 142
RGB Percent	87%, 85%, 56%
CMY	0.1243, 0.1440, 0.4421
CMYK	0.00, 0.02, 0.36, 0.12
HSL	56°, 56%, 72%
HSV	56°, 36%, 88%
XYZ	60.5704, 67.9871, 35.6284
YIQ	210.8310, 27.3760, -22.5760

Conversions

Conversions Part 2

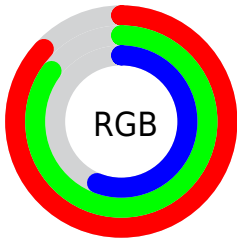
Format	Color
RYB	147, 223, 142
Decimal	14670478
CIELab	86.00, -9.38, 38.04
CIELCh	86, 39.183, 103.854
Yxy	67.9871, 0.3689, 0.4141
Android (android.graphics.Color)	4292860558 (0xFFDFDA8E)
YUV	210.8310, -33.9337, 10.6722
Hunter-Lab	82.4543, -13.1701, 32.0988

Details

The CIELCh color **86, 39.183, 103.854** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 42.465, 292.515**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 29.728, 107.918**, and **66, 39.319, 103.435** is the 20% darker color. If you saturate the color by 10%, you get **85, 49.496, 102.844**, and if you desaturate by 10%, it is **87, 28.544, 104.890**.

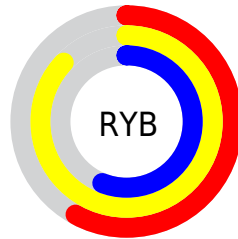
Distribution



Red (87%)

Green (85%)

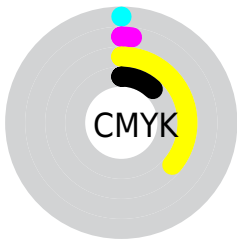
Blue (56%)



Red (58%)

Yellow (87%)

Blue (56%)

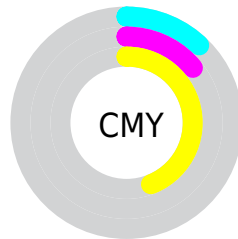


Cyan (0%)

Magenta (2%)

Yellow (36%)

Black (12%)



Cyan (12%)


Magenta (14%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 39.183, 103.854 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, 39.183, 103.854 by changing the saturation by 10% instead.


 86, 39.183,
103.854


 86, 39.183,
103.854


 100, 39.183,
103.854


 76, 39.183,
103.854

 66, 39.183,
103.854

 56, 39.183,
103.854

 46, 39.183,
103.854

 36, 39.183,
103.854

 26, 39.183,
103.854

 16, 39.183,

103.854

■ 6, 39.183, 103.854

■ 0, 39.183, 103.854

■ 86, 39.183,
103.854

■ 86, 39.183,
103.854

■ 85, 49.496,
102.844

■ 87, 28.544,
104.890

■ 85, 59.229,
101.872

■ 88, 17.731,
105.924

■ 84, 68.002,
100.969

■ 88, 6.842, 106.940

■ 84, 75.287,
100.161

■ 89, 4.061, 287.980

■ 90, 14.942,
288.933

■ 83, 80.480, 99.473

■ 83, 83.171, 98.910

■ 91, 14.789,
287.092

■ 83, 83.781, 98.720

■ 91, 14.096,
284.921

■ 91, 13.425,
282.535

■ 92, 12.780,
279.909

Harmonies

Complementary

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



86, 39.183, 103.854



63, 42.465, 292.515

Rectangle

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



86, 39.183, 103.854



86, 39.183, 153.854



86, 39.183, 283.854



86, 39.183, 333.854

Sweetspot

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



86, 39.184, 103.857



99, 13.344, 106.457



67, 32.975, 17.744



53, 8.966, 106.318



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, 39.184, 103.857



96, 52.527, 103.040



85, 43.890, 124.922



47, 6.210, 106.623



67, 70.167, 98.788



18, 26.342, 100.460

Inverse Universe

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



63, 42.465, 292.515



66, 58.311, 294.040



65, 46.613, 308.709



43, 6.332, 288.614



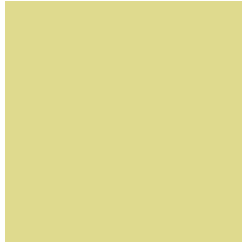
21, 98.461, 305.501



3, 30.277, 294.560

Previews

White Background



This preview shows how the CIELCh color 86, 39.183, 103.854 looks on a white background.

Color Contrast Check

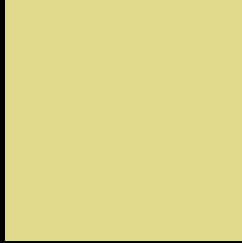
Large Text (above 18pt) WCAG AA × Fail

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 86, 39.183, 103.854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

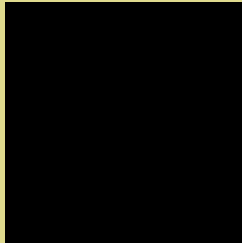
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

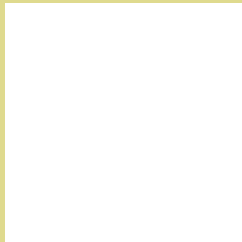
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 39.183, 103.854

Background



This preview shows how black text looks on a background with the CIELCh color 86, 39.183, 103.854.

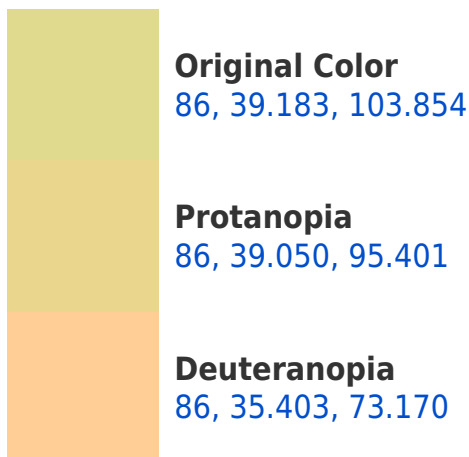


This preview shows how white text looks on a background with the CIELCh color 86, 39.183, 103.854.

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](#).

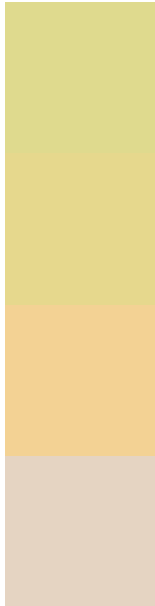
Dichromacy





Tritanopia
86, 12.349, 337.571

Trichromacy



Original Color
86, 39.183, 103.854

Protanomaly
86, 39.133, 98.453

Deuteranomaly
86, 35.134, 84.814

Tritanomaly
86, 11.403, 75.015

Monochromacy



Original Color
86, 39.183, 103.854

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 14.640, 107.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 39.183, 103.854 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(223, 218, 142)` looks like.

```
.text, #text, p{  
    color:rgb(223, 218, 142)  
}
```

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(223, 218, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 218, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 39.183, 103.854 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(223, 218, 142) }
```

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

```
.border{ border-color:rgb(223, 218, 142) }
```

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

Here you see how a box with a 4 pixel rgb(223, 218, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 218, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 218, 142);  
box-shadow:4px 4px 4px 4px rgb(223, 218,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 39.183, 103.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 218, 142) }
```

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

```
.background{ background-color: rgb(223,  
218, 142) }
```

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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