

Converting Colors

CIELCh(85, 39.007, 106.804)

Have a look what the booklet for
CIELCh(85, 39.007, 106.804)
contains.

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Color

CIELCh(85, 39.158, 106.798)

Conversions

Conversions Part 1

Format	Color
Hex	D9D98D
RGB	217, 217, 141
RGB Percent	85%, 85%, 55%
CMY	0.1507, 0.1506, 0.4486
CMYK	0.00, 0.00, 0.35, 0.15
HSL	60°, 50%, 70%
HSV	60°, 35%, 85%
XYZ	57.9713, 66.0070, 34.7302
YIQ	208.3360, 24.3960, -23.6360

Conversions

Conversions Part 2

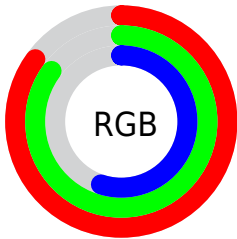
Format	Color
R_{YB}	141, 217, 141
Decimal	14277005
CIE _{Lab}	85.00, -11.32, 37.49
CIE _{LCh}	85, 39.158, 106.798
Yxy	66.0070, 0.3653, 0.4159
Android (android.graphics.Color)	4292467085 (0xFFD9D98D)
YUV	208.3360, -33.1966, 7.5983
Hunter-Lab	81.2447, -14.8115, 31.5262

Details

The CIELCh color **85, 39.158, 106.798** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 42.765, 294.707**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 30.226, 107.879**, and **65, 38.801, 106.650** is the 20% darker color. If you saturate the color by 10%, you get **85, 49.742, 105.879**, and if you desaturate by 10%, it is **85, 28.202, 107.758**.

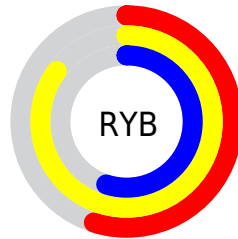
Distribution



Red (85%)

Green (85%)

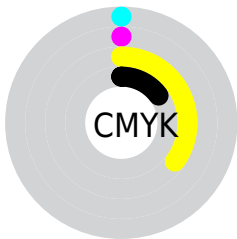
Blue (55%)



Red (55%)

Yellow (85%)

Blue (55%)

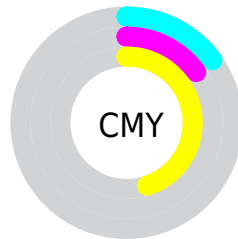


Cyan (0%)

Magenta (0%)

Yellow (35%)

Black (15%)



Cyan (15%)


Magenta (15%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 39.158, 106.798 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, 39.158, 106.798 by changing the saturation by 10% instead.


 85, 39.158,
106.798


 85, 39.158,
106.798


 100, 39.158,
106.798


 75, 39.158,
106.798

 65, 39.158,
106.798

 55, 39.158,
106.798

 45, 39.158,
106.798

 35, 39.158,
106.798

 25, 39.158,
106.798

 15, 39.158,

106.798

■ 5, 39.158, 106.798

■ 0, 39.158, 106.798

■ 85, 39.158,
106.798

■ 85, 39.158,
106.798

■ 85, 49.742,
105.879

■ 85, 28.202,
107.758

■ 84, 59.701,
105.020

■ 86, 17.029,
108.727

■ 84, 68.671,
104.258

■ 86, 5.744, 109.687

■ 84, 76.164,
103.634

■ 87, 5.586, 290.663

■ 87, 16.917,
291.580

■ 84, 81.643,

103.187

88, 20.105,
291.837

84, 84.751,
102.936

88, 20.105,
291.840

84, 85.672,
102.863

88, 20.105,
291.844

88, 20.105,
291.848

Harmonies

Complementary

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



85, 39.158, 106.798



61, 42.765, 294.707

Rectangle

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



85, 39.158, 106.798



85, 39.158, 156.798



85, 39.158, 286.798



85, 39.158, 336.798

Sweetspot

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



85, 39.160, 106.801



99, 14.193, 109.112



66, 31.308, 22.580



53, 9.534, 108.980



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, 39.160, 106.801



98, 53.099, 106.123



82, 42.122, 127.425



45, 6.359, 109.275



68, 71.786, 102.863



17, 25.020, 104.504

Inverse Universe

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



61, 42.765, 294.707



65, 59.379, 296.006



65, 44.278, 310.806



41, 6.500, 291.161



20, 99.122, 306.288



2, 27.577, 294.047

Previews

White Background



This preview shows how the CIELCh color 85, 39.158, 106.798 looks on a white background.

Color Contrast Check

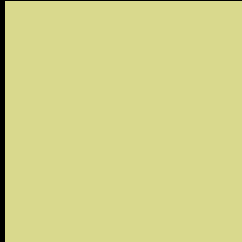
Large Text (above 18pt) WCAG AA × Fail

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 85, 39.158, 106.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

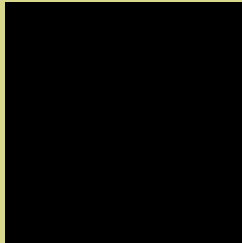
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 39.158, 106.798

Background



This preview shows how black text looks on a background with the CIELCh color 85, 39.158, 106.798.

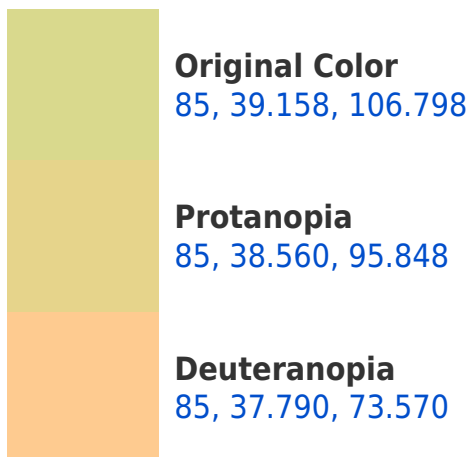


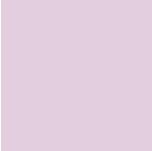
This preview shows how white text looks on a background with the CIELCh color 85, 39.158, 106.798.

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](#).

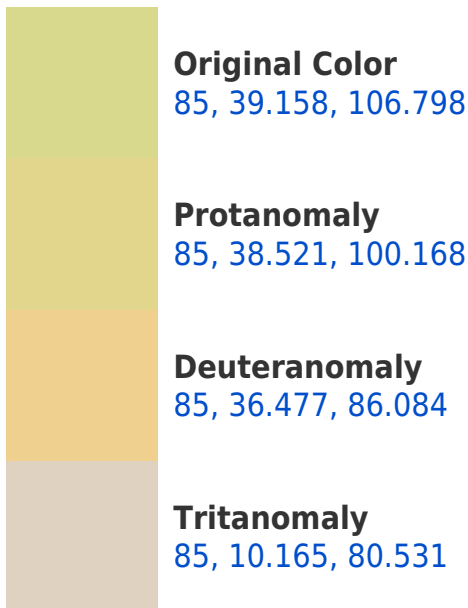
Dichromacy





Tritanopia
85, 11.520, 329.344

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 39.158, 106.798 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(217, 217, 141)` looks like.

```
.text, #text, p{  
    color:rgb(217, 217, 141)  
}
```

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(217, 217, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 217, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 39.158, 106.798 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(217, 217, 141) }
```

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

```
.border{ border-color:rgb(217, 217, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 217, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 217, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 217, 141); box-shadow:4px 4px 4px 4px rgb(217, 217, 141) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 39.158, 106.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 217, 141) }
```

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

```
.background{ background-color: rgb(217,  
217, 141) }
```

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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