

Converting Colors

CIELCh(80, 39.717, 95.341)

Have a look what the booklet for
CIELCh(80, 39.717, 95.341) contains.

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Color

CIELCh(80, 39.582, 95.036)

Conversions

Conversions Part 1

Format	Color
Hex	D9C67C
RGB	217, 198, 124
RGB Percent	85%, 78%, 49%
CMY	0.1485, 0.2230, 0.5132
CMYK	0.00, 0.09, 0.43, 0.15
HSL	48°, 55%, 67%
HSV	48°, 43%, 85%
XYZ	52.5281, 56.6813, 27.2830
YIQ	195.2450, 35.0780, -18.9860

Conversions

Conversions Part 2

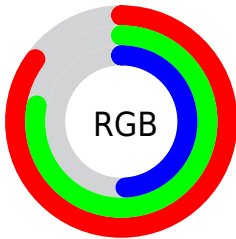
Format	Color
RYB	148, 217, 124
Decimal	14272124
CIELab	80.00, -3.47, 39.43
CIELCh	80, 39.582, 95.036
Yxy	56.6813, 0.3848, 0.4153
Android (android.graphics.Color)	4292462204 (0xFFD9C67C)
YUV	195.2450, -35.1238, 19.0791
Hunter-Lab	75.2870, -7.2118, 31.2150

Details

The CIELCh color **80, 39.582, 95.036** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 41.820, 286.931**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 38.628, 107.231**, and **60, 39.611, 95.087** is the 20% darker color. If you saturate the color by 10%, you get **79, 48.559, 93.788**, and if you desaturate by 10%, it is **81, 30.372, 96.274**.

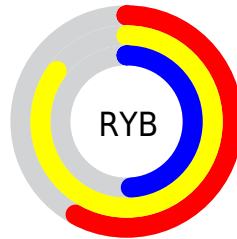
Distribution



Red (85%)

Green (78%)

Blue (49%)



Red (58%)

Yellow (85%)

Blue (49%)

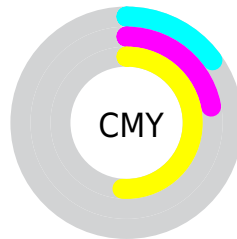


Cyan (0%)

Magenta (9%)

Yellow (43%)

Black (15%)



Cyan (15%)

Magenta (22%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 39.582, 95.036 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 80, 39.582, 95.036 by changing the saturation by 10% instead.

80, 39.582, 95.036

80, 39.582, 95.036

100, 39.582,
95.036

70, 39.582, 95.036

60, 39.582, 95.036

50, 39.582, 95.036

40, 39.582, 95.036

30, 39.582, 95.036

20, 39.582, 95.036

10, 39.582, 95.036

0, 39.582, 95.036

80, 39.582, 95.036

80, 39.582, 95.036

79, 48.559, 93.788

81, 30.372, 96.274

77, 57.030, 92.521

83, 21.084, 97.485

76, 64.557, 91.230

85, 11.807, 98.663

75, 70.505, 89.887

86, 2.589, 99.761

73, 74.164, 88.433

88, 6.546, 280.960

73, 75.474, 87.309

90, 15.585,
282.007

91, 13.891,
274.357

92, 12.236,
264.198

93, 11.067,
251.487

Harmonies

Complementary

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



80, 39.582, 95.036



61, 41.820, 286.931

Rectangle

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



80, 39.582, 95.036



80, 39.582, 145.036



80, 39.582, 275.036



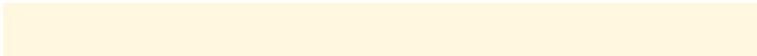
80, 39.582, 325.036

Sweetspot

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



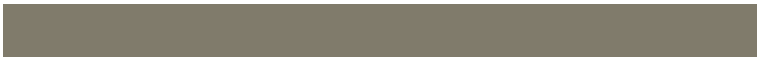
80, 39.583, 95.040



98, 13.626, 98.630



63, 38.648, 7.484



52, 9.544, 98.371



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 39.583, 95.040



91, 53.459, 93.961



83, 48.785, 118.648



45, 5.255, 99.052



59, 63.901, 87.581



15, 21.686, 90.685

Inverse Universe

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



61, 41.820, 286.931



65, 57.548, 288.916



58, 53.576, 304.434



43, 5.314, 281.296



25, 86.888, 302.175



4, 25.464, 290.013

Previews

White Background



This preview shows how the CIELCh color 80, 39.582, 95.036 looks on a white background.

Color Contrast Check

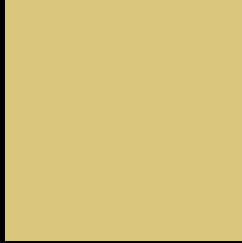
Large Text (above 18pt) WCAG AA × Fail

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 80, 39.582, 95.036 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 80, 39.582, 95.036

Background



This preview shows how black text looks on a background with the CIELCh color 80, 39.582, 95.036.



This preview shows how white text looks on a background with the CIELCh color 80, 39.582, 95.036.

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

80, 39.582, 95.036

Protanopia

80, 39.492, 95.633

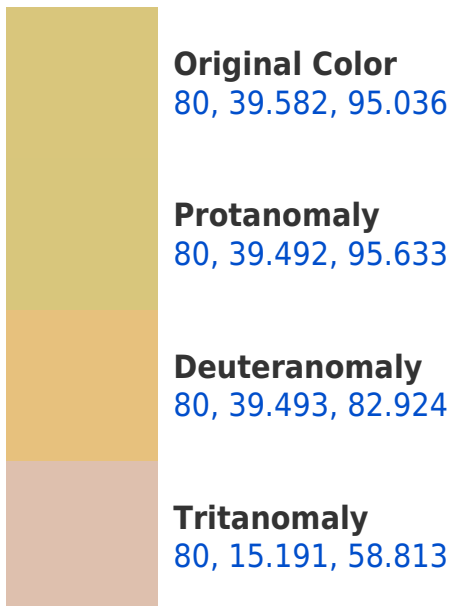
Deuteranopia

80, 40.096, 75.924



Tritanopia
80, 15.276, 351.601

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 39.582, 95.036 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, 198, 124)` looks like.

```
.text, #text, p{  
    color:rgb(217, 198, 124)  
}
```

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, 198, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 198, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 39.582, 95.036 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, 198, 124) }
```

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

```
.border{ border-color:rgb(217, 198, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 198, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 198, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 198, 124);  
box-shadow:4px 4px 4px 4px rgb(217, 198,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 39.582, 95.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 198, 124) }
```

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

```
.background{ background-color: rgb(217,  
198, 124) }
```

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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