

Converting Colors

CIELCh(69, 39.210, 76.975)

Have a look what the booklet for
CIELCh(69, 39.210, 76.975) contains.

CIELCh(69, 39.281, 77.087)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 39.281, 77.087)

Conversions

Conversions Part 1

Format	Color
Hex	CDA163
RGB	205, 161, 99
RGB Percent	80%, 63%, 39%
CMY	0.1963, 0.3688, 0.6119
CMYK	0.00, 0.21, 0.52, 0.20
HSL	35°, 51%, 60%
HSV	35°, 52%, 80%
XYZ	40.1485, 39.3444, 17.2712
YIQ	167.0880, 46.1260, -9.9540

Conversions

Conversions Part 2

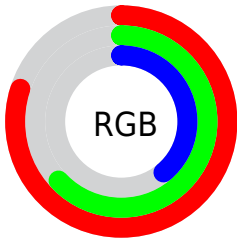
Format	Color
RYB	174, 205, 99
Decimal	13476195
CIELab	69.00, 8.78, 38.29
CIELCh	69, 39.281, 77.087
Yxy	39.3444, 0.4149, 0.4066
Android (android.graphics.Color)	4291666275 (0xFFCDA163)
YUV	167.0880, -33.5674, 33.2488
Hunter-Lab	62.7251, 4.4837, 27.5822

Details

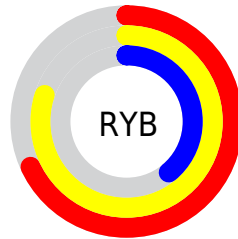
The CIELCh color **69, 39.281, 77.087** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **59, 36.657, 273.977**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 37.429, 82.183**, and **49, 39.401, 77.632** is the 20% darker color. If you saturate the color by 10%, you get **67, 47.318, 75.618**, and if you desaturate by 10%, it is **71, 31.263, 78.505**.

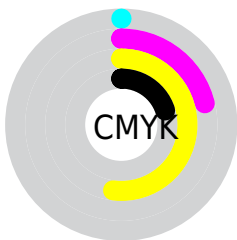
Distribution



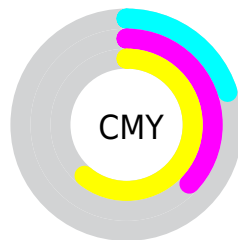
- Red (80%)
- Green (63%)
- Blue (39%)



- Red (68%)
- Yellow (80%)
- Blue (39%)



- Cyan (0%)
- Magenta (21%)
- Yellow (52%)
- Black (20%)



- Cyan (20%)
- Magenta (37%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 39.281, 77.087 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 69, 39.281, 77.087 by changing the saturation by 10% instead.

■ 69, 39.281, 77.087

■ 69, 39.281, 77.087

■ 100, 39.281,
77.087

■ 59, 39.281, 77.087

■ 89, 39.281, 77.087

■ 49, 39.281, 77.087

■ 99, 39.281, 77.087

■ 39, 39.281, 77.087

■ 29, 39.281, 77.087

■ 19, 39.281, 77.087

■ 9, 39.281, 77.087

■ 0, 39.281, 77.087

■ 69, 39.281, 77.087

■ 69, 39.281, 77.087

■ 67, 47.318, 75.618

■ 71, 31.263, 78.505

64, 55.089, 74.034

74, 23.404, 79.878

62, 62.063, 72.223

77, 15.765, 81.216

60, 67.417, 69.975

79, 8.364, 82.507

58, 70.460, 67.746

82, 1.198, 83.557

85, 5.746, 265.093

87, 12.487,
266.242

90, 15.465,
260.370

92, 13.847,
239.848

Harmonies

Complementary

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



69, 39.281, 77.087



59, 36.657, 273.977

Rectangle

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



69, 39.281, 77.087



69, 39.281, 127.087



69, 39.281, 257.087



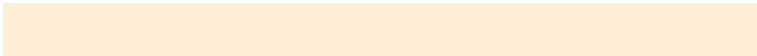
69, 39.281, 307.087

Sweetspot

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



69, 39.281, 77.091



95, 13.743, 81.935



56, 46.989, 354.700



50, 9.311, 81.665



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 39.281, 77.091



81, 56.797, 75.455



80, 54.111, 109.239



42, 4.018, 82.796



48, 60.101, 68.316



9, 14.621, 68.805

Inverse Universe

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



59, 36.657, 273.977



66, 52.607, 277.360



48, 62.349, 299.863



41, 3.979, 265.324



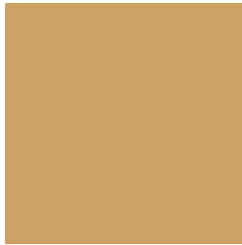
32, 61.075, 290.986



5, 16.742, 277.604

Previews

White Background



This preview shows how the CIELCh color 69, 39.281, 77.087 looks on a white background.

Color Contrast Check

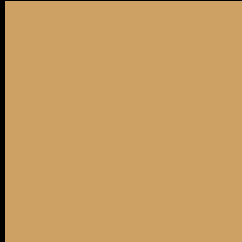
Large Text (above 18pt) WCAG AA × Fail

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 69, 39.281, 77.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

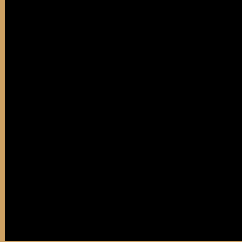
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 39.281, 77.087

Background



This preview shows how black text looks on a background with the CIELCh color 69, 39.281, 77.087.



This preview shows how white text looks on a background with the CIELCh color 69, 39.281, 77.087.

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


69, 39.281, 77.087

Protanopia

69, 36.656, 96.261

Deuteranopia

69, 39.281, 77.087



Tritanopia
69, 23.559, 5.716

Trichromacy



Original Color
69, 39.281, 77.087

Protanomaly
69, 37.025, 88.704

Deuteranomaly
69, 39.281, 77.087

Tritanomaly
69, 23.575, 41.318

Monochromacy



Original Color
69, 39.281, 77.087

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 14.183, 81.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 39.281, 77.087 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(205, 161, 99)` looks like.

```
.text, #text, p{  
    color:rgb(205, 161, 99)  
}
```

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(205, 161, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 161, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 39.281, 77.087 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(205, 161, 99) }
```

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

```
.border{ border-color:rgb(205, 161, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 161, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 161, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 161, 99);  
box-shadow:4px 4px 4px 4px rgb(205, 161,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 39.281, 77.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 161, 99) }
```

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

```
.background{ background-color: rgb(205,  
161, 99) }
```

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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