

Converting Colors

CIELCh(69, 59.447, 75.696)

Have a look what the booklet for
CIELCh(69, 59.447, 75.696) contains.

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Color

CIELCh(69, 59.499, 75.671)

Conversions

Conversions Part 1

Format	Color
Hex	DB9C3B
RGB	219, 156, 59
RGB Percent	86%, 61%, 23%
CMY	0.1395, 0.3868, 0.7672
CMYK	0.00, 0.29, 0.73, 0.14
HSL	36°, 69%, 55%
HSV	36°, 73%, 86%
XYZ	42.0883, 39.3444, 9.5638
YIQ	163.7790, 68.6850, -16.8110

Conversions

Conversions Part 2

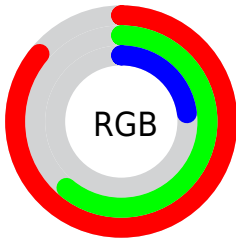
Format	Color
RYB	163, 219, 59
Decimal	14392379
CIELab	69.00, 14.73, 57.65
CIELCh	69, 59.499, 75.671
Yxy	39.3444, 0.4625, 0.4324
Android (android.graphics.Color)	4292582459 (0xFFDB9C3B)
YUV	163.7790, -51.6560, 48.4288
Hunter-Lab	62.7251, 10.0038, 34.8675

Details

The CIELCh color **69, 59.499, 75.671** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **52, 56.909, 282.796**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 54.034, 85.065**, and **49, 57.975, 75.412** is the 20% darker color. If you saturate the color by 10%, you get **67, 66.490, 73.804**, and if you desaturate by 10%, it is **71, 51.472, 77.301**.

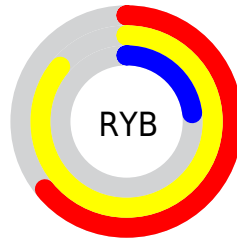
Distribution



Red (86%)

Green (61%)

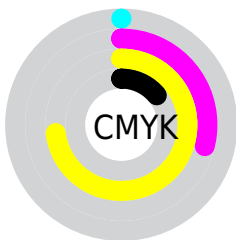
Blue (23%)



Red (64%)

Yellow (86%)

Blue (23%)

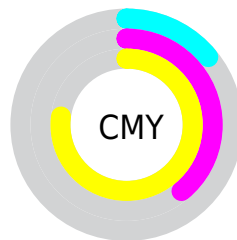


Cyan (0%)

Magenta (29%)

Yellow (73%)

Black (14%)



Cyan (14%)

Magenta (39%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 59.499, 75.671 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, 59.499, 75.671 by changing the saturation by 10% instead.

69, 59.499, 75.671

69, 59.499, 75.671

100, 59.499,
75.671

59, 59.499, 75.671

89, 59.499, 75.671

49, 59.499, 75.671

99, 59.499, 75.671

39, 59.499, 75.671

29, 59.499, 75.671

19, 59.499, 75.671

9, 59.499, 75.671

0, 59.499, 75.671

69, 59.499, 75.671

69, 59.499, 75.671

67, 66.490, 73.804

71, 51.472, 77.301

65, 71.547, 71.477

74, 43.031, 78.804

63, 73.904, 69.545

76, 34.526, 80.241

79, 26.134, 81.633

81, 17.937, 82.987

84, 9.967, 84.294

87, 2.226, 85.466

90, 5.295, 266.896

92, 11.749,
266.076

Harmonies

Complementary

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



69, 59.499, 75.671



52, 56.909, 282.796

Rectangle

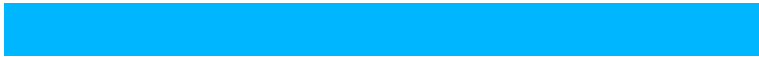
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 59.499, 75.671



69, 59.499, 125.671



69, 59.499, 255.671



69, 59.499, 305.671

Sweetspot

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



69, 59.498, 75.674



93, 19.409, 83.087



52, 65.668, 0.999



49, 13.095, 82.722



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, 59.498, 75.674



75, 78.100, 72.527



84, 75.821, 108.882



45, 4.346, 84.736



51, 61.946, 70.125



12, 18.831, 72.017

Inverse Universe

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



52, 56.909, 282.796



53, 78.553, 288.900



38, 95.102, 303.893



43, 4.315, 267.273



32, 65.832, 292.646



6, 21.074, 282.161

Previews

White Background



This preview shows how the CIELCh color 69, 59.499, 75.671 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, 59.499, 75.671 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, 59.499, 75.671

Background



This preview shows how black text looks on a background with the CIELCh color 69, 59.499, 75.671.



This preview shows how white text looks on a background with the CIELCh color 69, 59.499, 75.671.

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, 59.499, 75.671

Protanopia

69, 55.428, 95.652

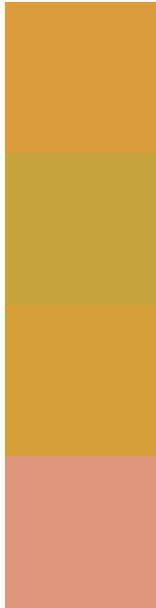
Deuteranopia

69, 58.591, 81.081



Tritanopia
69, 31.907, 11.990

Trichromacy



Original Color
69, 59.499, 75.671

Protanomaly
69, 55.654, 88.013

Deuteranomaly
69, 59.079, 79.350

Tritanomaly
69, 35.908, 46.653

Monochromacy



Original Color
69, 59.499, 75.671

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 21.576, 81.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 59.499, 75.671 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(219, 156, 59)` looks like.

```
.text, #text, p{  
    color:rgb(219, 156, 59)  
}
```

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(219, 156, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 156, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 59.499, 75.671 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(219, 156, 59) }
```

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

```
.border{ border-color:rgb(219, 156, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 156, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 156, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 156, 59);  
box-shadow:4px 4px 4px 4px rgb(219, 156,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 59.499, 75.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 156, 59) }
```

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

```
.background{ background-color: rgb(219,  
156, 59) }
```

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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