

Converting Colors

CIELCh(69, 39.482, 68.464)

Have a look what the booklet for
CIELCh(69, 39.482, 68.464) contains.

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Color

CIELCh(69, 39.536, 68.434)

Conversions

Conversions Part 1

Format	Color
Hex	D59D66
RGB	213, 157, 102
RGB Percent	84%, 62%, 40%
CMY	0.1637, 0.3834, 0.5991
CMYK	0.00, 0.26, 0.52, 0.16
HSL	30°, 57%, 62%
HSV	30°, 52%, 84%
XYZ	42.0244, 39.3444, 18.0086
YIQ	167.4740, 51.0310, -5.2330

Conversions

Conversions Part 2

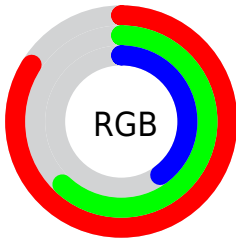
Format	Color
R _Y B	213, 211, 102
Decimal	13999462
CIE Lab	69.00, 14.53, 36.77
CIE LCh	69, 39.536, 68.434
Yxy	39.3444, 0.4229, 0.3959
Android (android.graphics.Color)	4292189542 (0xFFD59D66)
YUV	167.4740, -32.2787, 39.9263
Hunter-Lab	62.7251, 9.8219, 26.8852

Details

The CIELCh color **69, 39.536, 68.434** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 33.815, 265.010**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 35.132, 77.725**, and **49, 39.572, 69.118** is the 20% darker color. If you saturate the color by 10%, you get **66, 48.063, 67.137**, and if you desaturate by 10%, it is **72, 31.224, 69.706**.

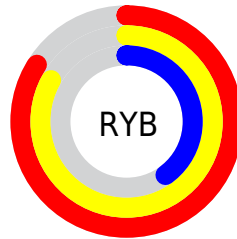
Distribution



Red (84%)

Green (62%)

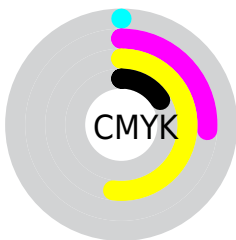
Blue (40%)



Red (84%)

Yellow (83%)

Blue (40%)

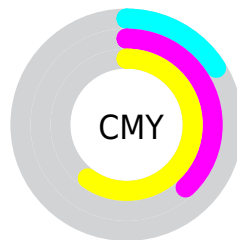


Cyan (0%)

Magenta (26%)

Yellow (52%)

Black (16%)



Cyan (16%)

Magenta (38%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 39.536, 68.434 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, 39.536, 68.434 by changing the saturation by 10% instead.

69, 39.536, 68.434

69, 39.536, 68.434

100, 39.536,
68.434

59, 39.536, 68.434

89, 39.536, 68.434

49, 39.536, 68.434

99, 39.536, 68.434

39, 39.536, 68.434

29, 39.536, 68.434

19, 39.536, 68.434

9, 39.536, 68.434

0, 39.536, 68.434

69, 39.536, 68.434

69, 39.536, 68.434

66, 48.063, 67.137

72, 31.224, 69.706

63, 56.553, 65.739

75, 23.237, 70.960

61, 64.484, 64.103

78, 15.608, 72.202

58, 70.951, 61.947

81, 8.332, 73.418

57, 74.779, 59.831

85, 1.388, 74.401

88, 5.254, 255.945

91, 11.624,
257.060

94, 11.566,
230.324

97, 13.653,
200.579

Harmonies

Complementary

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



69, 39.536, 68.434



64, 33.815, 265.010

Rectangle

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



69, 39.536, 68.434



69, 39.536, 118.434



69, 39.536, 248.434



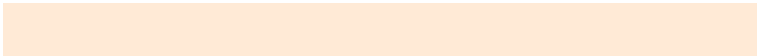
69, 39.536, 298.434

Sweetspot

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



69, 39.536, 68.439



94, 12.900, 72.925



58, 51.160, 348.313



49, 8.753, 72.672



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, 39.536, 68.439



78, 55.559, 67.061



83, 55.291, 104.498



43, 3.908, 73.728



46, 63.185, 60.458



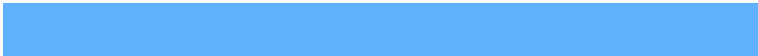
10, 17.037, 58.717

Inverse Universe

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



64, 33.815, 265.010



70, 46.086, 268.382



49, 63.785, 297.327



43, 3.821, 256.209



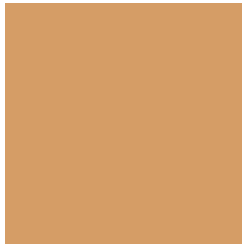
37, 52.713, 283.338



7, 17.083, 272.473

Previews

White Background



This preview shows how the CIELCh color 69, 39.536, 68.434 looks on a white background.

Color Contrast Check

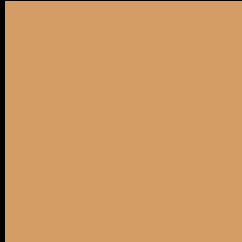
Large Text (above 18pt) WCAG AA × Fail

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 69, 39.536, 68.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

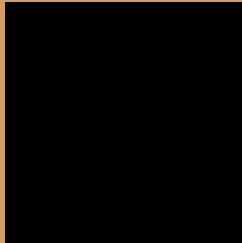
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 39.536, 68.434

Background



This preview shows how black text looks on a background with the CIELCh color 69, 39.536, 68.434.



This preview shows how white text looks on a background with the CIELCh color 69, 39.536, 68.434.

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, 39.536, 68.434

Protanopia

69, 34.097, 95.833

Deuteranopia

69, 38.343, 76.487



Tritanopia
69, 27.457, 9.676

Trichromacy



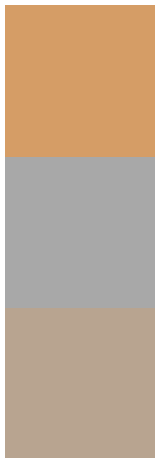
Original Color
69, 39.536, 68.434

Protanomaly
69, 35.221, 85.076

Deuteranomaly
69, 38.936, 73.975

Tritanomaly
69, 27.290, 36.552

Monochromacy



Original Color
69, 39.536, 68.434

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 13.654, 72.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 39.536, 68.434 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(213, 157, 102)` looks like.

```
.text, #text, p{  
    color:rgb(213, 157, 102)  
}
```

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(213, 157, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 157, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 39.536, 68.434 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(213, 157, 102) }
```

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

```
.border{ border-color:rgb(213, 157, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 157, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 157, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 157, 102);  
box-shadow:4px 4px 4px 4px rgb(213, 157,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 39.536, 68.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 157, 102) }
```

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

```
.background{ background-color: rgb(213,  
157, 102) }
```

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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