

Converting Colors

CIELCh(69, 43.196, 72.046)

Have a look what the booklet for
CIELCh(69, 43.196, 72.046) contains.

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Color

CIELCh(69, 43.196, 72.046)

Conversions

Conversions Part 1

Format	Color
Hex	D59E5E
RGB	213, 158, 94
RGB Percent	84%, 62%, 37%
CMY	0.1652, 0.3808, 0.6318
CMYK	0.00, 0.26, 0.56, 0.17
HSL	32°, 59%, 60%
HSV	32°, 56%, 83%
XYZ	41.6228, 39.3444, 15.9633
YIQ	167.1490, 53.3240, -8.2440

Conversions

Conversions Part 2

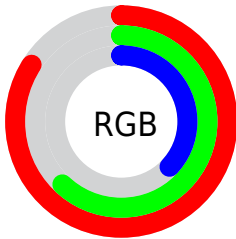
Format	Color
RYB	196, 213, 94
Decimal	13999710
CIELab	69.00, 13.32, 41.09
CIELCh	69, 43.196, 72.046
Yxy	39.3444, 0.4294, 0.4059
Android (android.graphics.Color)	4292189790 (0xFFD59E5E)
YUV	167.1490, -36.0625, 40.2113
Hunter-Lab	62.7251, 8.6793, 28.8185

Details

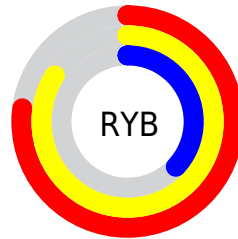
The CIELCh color **69, 43.196, 72.046** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **60, 38.261, 270.711**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 39.046, 80.990**, and **49, 43.210, 72.447** is the 20% darker color. If you saturate the color by 10%, you get **66, 51.565, 70.604**, and if you desaturate by 10%, it is **72, 34.863, 73.428**.

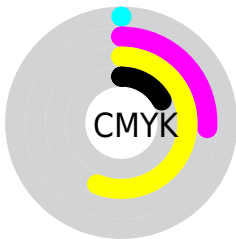
Distribution



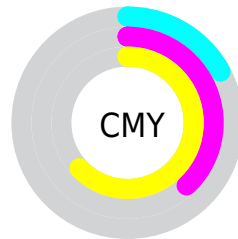
- Red (84%)
- Green (62%)
- Blue (37%)



- Red (77%)
- Yellow (84%)
- Blue (37%)



- Cyan (0%)
- Magenta (26%)
- Yellow (56%)
- Black (17%)



- Cyan (17%)
- Magenta (38%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 43.196, 72.046 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, 43.196, 72.046 by changing the saturation by 10% instead.

69, 43.196, 72.046

69, 43.196, 72.046

100, 43.196,
72.046

59, 43.196, 72.046

89, 43.196, 72.046

49, 43.196, 72.046

99, 43.196, 72.046

39, 43.196, 72.046

29, 43.196, 72.046

19, 43.196, 72.046

9, 43.196, 72.046

0, 43.196, 72.046

69, 43.196, 72.046

69, 43.196, 72.046

66, 51.565, 70.604

72, 34.863, 73.428

64, 59.608, 69.008

75, 26.742, 74.772

61, 66.651, 67.087

77, 18.904, 76.089

59, 71.725, 64.543

80, 11.368, 77.376

58, 73.456, 63.426

83, 4.128, 78.591

86, 2.836, 260.037

90, 9.549, 261.145

92, 12.212,
250.520

95, 11.937,
220.565

Harmonies

Complementary

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



69, 43.196, 72.046



60, 38.261, 270.711

Rectangle

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



69, 43.196, 72.046



69, 43.196, 122.046



69, 43.196, 252.046



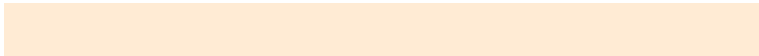
69, 43.196, 302.046

Sweetspot

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



69, 43.196, 72.050



94, 14.116, 77.213



56, 53.106, 352.127



49, 9.481, 76.954



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, 43.196, 72.050



78, 60.795, 70.332



83, 59.655, 106.556



44, 4.026, 78.179



47, 62.214, 64.033



10, 17.102, 63.810

Inverse Universe

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



60, 38.261, 270.711



66, 52.914, 274.670



46, 70.086, 299.457



43, 3.961, 260.713



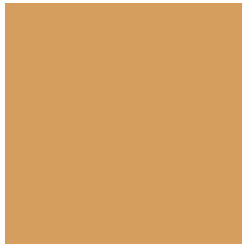
35, 57.306, 287.301



6, 18.139, 276.272

Previews

White Background



This preview shows how the CIELCh color 69, 43.196, 72.046 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, 43.196, 72.046 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, 43.196, 72.046

Background



This preview shows how black text looks on a background with the CIELCh color 69, 43.196, 72.046.



This preview shows how white text looks on a background with the CIELCh color 69, 43.196, 72.046.

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, 43.196, 72.046

Protanopia

69, 38.767, 95.901

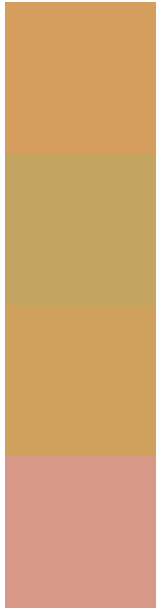
Deuteranopia

69, 42.327, 78.166



Tritanopia
69, 27.457, 9.676

Trichromacy



Original Color
69, 43.196, 72.046

Protanomaly
69, 39.171, 86.708

Deuteranomaly
69, 42.628, 76.349

Tritanomaly
69, 27.973, 39.587

Monochromacy



Original Color
69, 43.196, 72.046

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 15.513, 77.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 43.196, 72.046 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, 158, 94)` looks like.

```
.text, #text, p{  
    color:rgb(213, 158, 94)  
}
```

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, 158, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 158, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 43.196, 72.046 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, 158, 94) }
```

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

```
.border{ border-color:rgb(213, 158, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 158, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 158, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 158, 94);  
box-shadow:4px 4px 4px 4px rgb(213, 158,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 43.196, 72.046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 158, 94) }
```

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

```
.background{ background-color: rgb(213,  
158, 94) }
```

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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