

Converting Colors

CIELCh(72, 48.596, 72.644)

Have a look what the booklet for
CIELCh(72, 48.596, 72.644) contains.

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Color

CIELCh(72, 48.621, 72.856)

Conversions

Conversions Part 1

Format	Color
Hex	E1A55B
RGB	225, 165, 91
RGB Percent	88%, 65%, 36%
CMY	0.1178, 0.3530, 0.6432
CMYK	0.00, 0.27, 0.60, 0.12
HSL	33°, 69%, 62%
HSV	33°, 60%, 88%
XYZ	46.3804, 43.6590, 15.8746
YIQ	174.5040, 59.5140, -10.2940

Conversions

Conversions Part 2

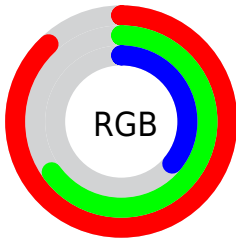
Format	Color
RYB	200, 225, 91
Decimal	14787931
CIELab	72.00, 14.33, 46.46
CIElCh	72, 48.621, 72.856
Yxy	43.6590, 0.4379, 0.4122
Android (android.graphics.Color)	4292978011 (0xFFE1A55B)
YUV	174.5040, -41.1675, 44.2850
Hunter-Lab	66.0750, 9.6644, 32.0080

Details

The CIELCh color **72, 48.621, 72.856** 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 **61, 43.486, 273.368**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 42.287, 86.982**, and **52, 48.573, 72.801** is the 20% darker color. If you saturate the color by 10%, you get **69, 57.231, 71.335**, and if you desaturate by 10%, it is **75, 39.889, 74.289**.

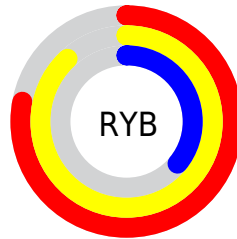
Distribution



Red (88%)

Green (65%)

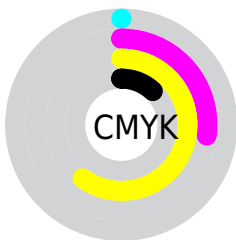
Blue (36%)



Red (78%)

Yellow (88%)

Blue (36%)

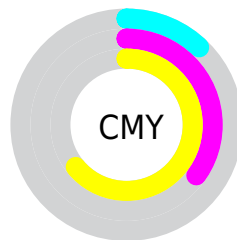


Cyan (0%)

Magenta (27%)

Yellow (60%)

Black (12%)



Cyan (12%)

Magenta (35%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 48.621, 72.856 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 72, 48.621, 72.856 by changing the saturation by 10% instead.

 72, 48.621, 72.856

 72, 48.621, 72.856

 100, 48.621,
72.856

 62, 48.621, 72.856

 92, 48.621, 72.856

 52, 48.621, 72.856

 42, 48.621, 72.856

 32, 48.621, 72.856

 22, 48.621, 72.856

 12, 48.621, 72.856

 2, 48.621, 72.856

 0, 48.621, 72.856

 72, 48.621, 72.856

 72, 48.621, 72.856

69, 57.231, 71.335

75, 39.889, 74.289

67, 65.218, 69.604

78, 31.293, 75.669

64, 71.727, 67.449

81, 22.947, 77.018

62, 76.073, 64.681

84, 14.894, 78.336

62, 76.257, 64.562

87, 7.139, 79.606

90, 0.332, 261.993

93, 7.540, 262.184

96, 8.400, 234.410

98, 10.181,
198.828

Harmonies

Complementary

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



72, 48.621, 72.856



61, 43.486, 273.368

Rectangle

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



72, 48.621, 72.856



72, 48.621, 122.856



72, 48.621, 252.856



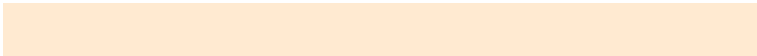
72, 48.621, 302.856

Sweetspot

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



72, 48.621, 72.860



94, 15.130, 78.522



58, 58.233, 353.993



49, 10.574, 78.141



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 48.621, 72.860



77, 64.690, 71.021



87, 65.902, 107.086



46, 4.231, 79.620



49, 63.328, 65.207



12, 19.772, 66.148

Inverse Universe

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



61, 43.486, 273.368



63, 57.345, 277.566



46, 78.581, 300.580



45, 4.170, 262.175



35, 60.346, 288.624



7, 20.646, 279.507

Previews

White Background



This preview shows how the CIELCh color 72, 48.621, 72.856 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 72, 48.621, 72.856 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 72, 48.621, 72.856

Background



This preview shows how black text looks on a background with the CIELCh color 72, 48.621, 72.856.



This preview shows how white text looks on a background with the CIELCh color 72, 48.621, 72.856.

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

72, 48.621, 72.856

Protanopia

72, 44.129, 95.618

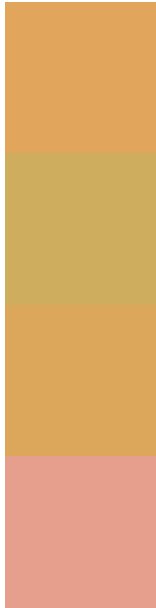
Deuteranopia

72, 47.523, 78.706



Tritanopia
72, 30.045, 10.020

Trichromacy



Original Color
72, 48.621, 72.856

Protanomaly
72, 44.673, 87.012

Deuteranomaly
72, 48.057, 76.644

Tritanomaly
72, 31.286, 40.694

Monochromacy



Original Color
72, 48.621, 72.856

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 17.239, 77.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 48.621, 72.856 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(225, 165, 91)` looks like.

```
.text, #text, p{  
    color:rgb(225, 165, 91)  
}
```

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(225, 165, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 165, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 48.621, 72.856 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(225, 165, 91) }
```

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

```
.border{ border-color:rgb(225, 165, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 165, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 165, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 165, 91);  
box-shadow:4px 4px 4px 4px rgb(225, 165,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 48.621, 72.856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 165, 91) }
```

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

```
.background{ background-color: rgb(225,  
165, 91) }
```

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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