

Converting Colors

CIELCh(72, 45.010, 61.374)

Have a look what the booklet for
CIELCh(72, 45.010, 61.374) contains.

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Color

CIELCh(72, 45.148, 61.178)

Conversions

Conversions Part 1

Format	Color
Hex	EAA069
RGB	234, 160, 105
RGB Percent	92%, 63%, 41%
CMY	0.0823, 0.3725, 0.5882
CMYK	0.00, 0.32, 0.55, 0.08
HSL	26°, 75%, 66%
HSV	26°, 55%, 92%
XYZ	49.0577, 43.6590, 19.2083
YIQ	175.8560, 61.7590, -1.4170

Conversions

Conversions Part 2

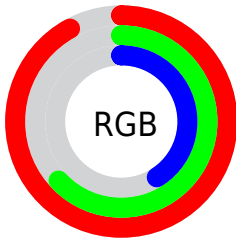
Format	Color
RYB	234, 201, 105
Decimal	15376489
CIELab	72.00, 21.77, 39.56
CIELCh	72, 45.148, 61.178
Yxy	43.6590, 0.4383, 0.3901
Android (android.graphics.Color)	4293566569 (0xFFEAA069)
YUV	175.8560, -34.9320, 50.9923
Hunter-Lab	66.0750, 16.8971, 29.0166

Details

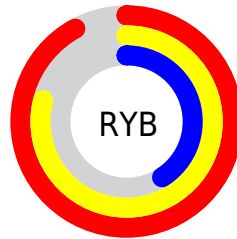
The CIELCh color **72, 45.148, 61.178** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **70, 35.346, 257.606**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 34.396, 79.529**, and **52, 45.228, 60.974** is the 20% darker color. If you saturate the color by 10%, you get **69, 54.727, 60.160**, and if you desaturate by 10%, it is **76, 35.897, 62.198**.

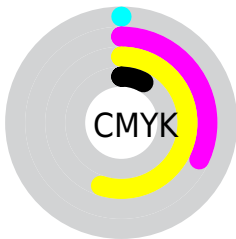
Distribution



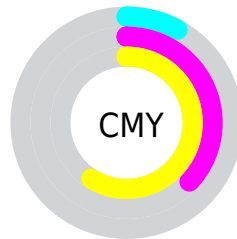
- Red (92%)
- Green (63%)
- Blue (41%)



- Red (92%)
- Yellow (79%)
- Blue (41%)



- Cyan (0%)
- Magenta (32%)
- Yellow (55%)
- Black (8%)



- Cyan (8%)
- Magenta (37%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 45.148, 61.178 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, 45.148, 61.178 by changing the saturation by 10% instead.

72, 45.148, 61.178

72, 45.148, 61.178

100, 45.148,
61.178

62, 45.148, 61.178

92, 45.148, 61.178

52, 45.148, 61.178

42, 45.148, 61.178

32, 45.148, 61.178

22, 45.148, 61.178

12, 45.148, 61.178

2, 45.148, 61.178

0, 45.148, 61.178

72, 45.148, 61.178

72, 45.148, 61.178

69, 54.727, 60.160

76, 35.897, 62.198

65, 64.318, 59.046

79, 27.105, 63.234

62, 73.237, 57.635

83, 18.805, 64.294

60, 80.296, 55.536

87, 10.986, 65.361

59, 83.077, 54.340

91, 3.613, 66.365

95, 3.356, 247.729

98, 6.842, 203.460

99, 7.183, 199.043

Harmonies

Complementary

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



72, 45.148, 61.178



70, 35.346, 257.606

Rectangle

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



72, 45.148, 61.178



72, 45.148, 111.178



72, 45.148, 241.178



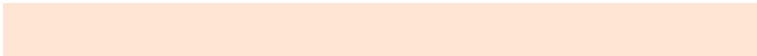
72, 45.148, 291.178

Sweetspot

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



72, 45.147, 61.182



93, 13.315, 65.154



62, 60.132, 344.856



49, 8.960, 64.938



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, 45.147, 61.182



74, 59.622, 60.036



88, 59.297, 100.822



47, 4.065, 65.952



46, 68.214, 55.004



12, 22.379, 53.187

Inverse Universe

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



70, 35.346, 257.606



72, 44.295, 261.394



53, 67.935, 295.537



47, 3.931, 248.250



43, 48.013, 275.760



11, 18.153, 266.997

Previews

White Background



This preview shows how the CIELCh color 72, 45.148, 61.178 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, 45.148, 61.178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

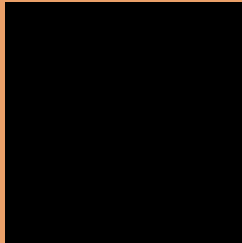
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 45.148, 61.178

Background



This preview shows how black text looks on a background with the CIELCh color 72, 45.148, 61.178.



This preview shows how white text looks on a background with the CIELCh color 72, 45.148, 61.178.

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, 45.148, 61.178

Protanopia

72, 35.971, 95.718

Deuteranopia

72, 41.251, 77.412



Tritanopia
72, 34.450, 13.043

Trichromacy



Original Color
72, 45.148, 61.178

Protanomaly
72, 37.293, 81.397

Deuteranomaly
72, 42.152, 71.211

Tritanomaly
72, 34.596, 33.876

Monochromacy



Original Color
72, 45.148, 61.178

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 15.451, 64.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 45.148, 61.178 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(234, 160, 105)` looks like.

```
.text, #text, p{  
    color:rgb(234, 160, 105)  
}
```

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(234, 160, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 160, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 45.148, 61.178 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(234, 160, 105) }
```

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

```
.border{ border-color:rgb(234, 160, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 160, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 160, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 160, 105);  
box-shadow:4px 4px 4px 4px rgb(234, 160,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 45.148, 61.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 160, 105) }
```

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

```
.background{ background-color: rgb(234,  
160, 105) }
```

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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