

Converting Colors

CIELCh(73, 45.569, 71.233)

Have a look what the booklet for
CIELCh(73, 45.569, 71.233) contains.

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Color

CIELCh(73, 45.538, 71.777)

Conversions

Conversions Part 1

Format	Color
Hex	E3A864
RGB	227, 168, 100
RGB Percent	89%, 66%, 39%
CMY	0.1105, 0.3418, 0.6084
CMYK	0.00, 0.26, 0.56, 0.11
HSL	32°, 69%, 64%
HSV	32°, 56%, 89%
XYZ	47.8876, 45.1644, 18.2115
YIQ	177.8890, 56.9920, -8.6400

Conversions

Conversions Part 2

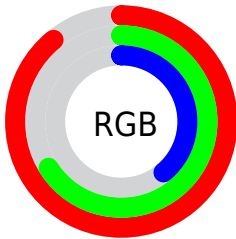
Format	Color
R _Y B	210, 227, 100
Decimal	14919780
CIE Lab	73.00, 14.24, 43.25
CIE LCh	73, 45.538, 71.777
Yxy	45.1644, 0.4304, 0.4059
Android (android.graphics.Color)	4293109860 (0xFFE3A864)
YUV	177.8890, -38.3993, 43.0703
Hunter-Lab	67.2044, 9.5852, 30.9763

Details

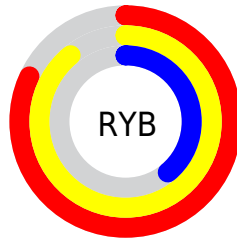
The CIELCh color **73, 45.538, 71.777** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 40.210, 270.561**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 38.874, 87.618**, and **53, 45.192, 71.840** is the 20% darker color. If you saturate the color by 10%, you get **70, 54.356, 70.332**, and if you desaturate by 10%, it is **76, 36.757, 73.161**.

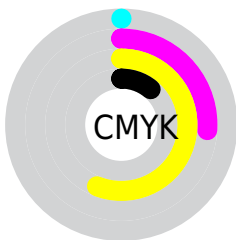
Distribution



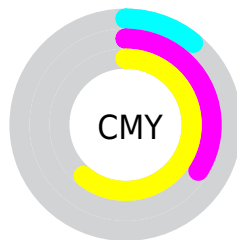
- Red (89%)
- Green (66%)
- Blue (39%)



- Red (82%)
- Yellow (89%)
- Blue (39%)



- Cyan (0%)
- Magenta (26%)
- Yellow (56%)
- Black (11%)



- Cyan (11%)
- Magenta (34%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 45.538, 71.777 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 73, 45.538, 71.777 by changing the saturation by 10% instead.

73, 45.538, 71.777

73, 45.538, 71.777

100, 45.538,
71.777

63, 45.538, 71.777

93, 45.538, 71.777

53, 45.538, 71.777

43, 45.538, 71.777

33, 45.538, 71.777

23, 45.538, 71.777

13, 45.538, 71.777

3, 45.538, 71.777

0, 45.538, 71.777

73, 45.538, 71.777

73, 45.538, 71.777

70, 54.356, 70.332

76, 36.757, 73.161

68, 62.818, 68.727

79, 28.201, 74.507

65, 70.198, 66.785

82, 19.948, 75.827

63, 75.455, 64.198

85, 12.017, 77.116

62, 77.158, 63.065

88, 4.402, 78.336

91, 2.919, 259.788

95, 8.433, 254.246

97, 8.688, 208.701

98, 9.573, 198.870

Harmonies

Complementary

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



73, 45.538, 71.777



64, 40.210, 270.561

Rectangle

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



73, 45.538, 71.777



73, 45.538, 121.777



73, 45.538, 251.777



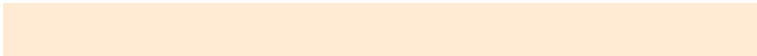
73, 45.538, 301.777

Sweetspot

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



73, 45.538, 71.781



94, 14.092, 76.972



60, 55.965, 352.182



49, 9.466, 76.714



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 45.538, 71.781



78, 60.770, 70.111



88, 62.865, 106.534



46, 4.176, 77.931



49, 63.652, 63.739



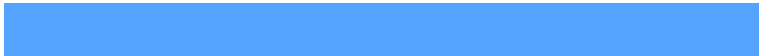
12, 19.708, 64.252

Inverse Universe

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



64, 40.210, 270.561



66, 52.720, 274.432



49, 73.946, 299.517



45, 4.107, 260.476



36, 58.432, 287.197



7, 20.112, 278.102

Previews

White Background



This preview shows how the CIELCh color 73, 45.538, 71.777 looks on a white background.

Color Contrast Check

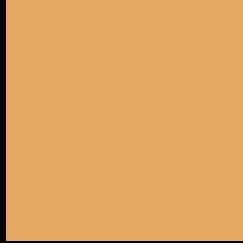
Large Text (above 18pt) WCAG AA × Fail

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 73, 45.538, 71.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

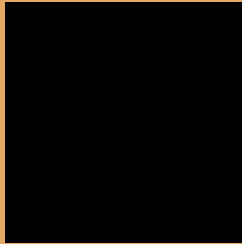
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 45.538, 71.777

Background



This preview shows how black text looks on a background with the CIELCh color 73, 45.538, 71.777.



This preview shows how white text looks on a background with the CIELCh color 73, 45.538, 71.777.

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](#).

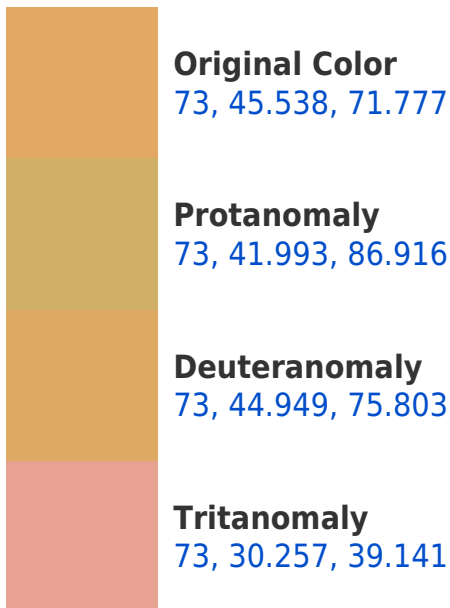
Dichromacy





Tritanopia
73, 29.557, 9.749

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 45.538, 71.777 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(227, 168, 100)` looks like.

```
.text, #text, p{  
    color:rgb(227, 168, 100)  
}
```

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(227, 168, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 168, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 45.538, 71.777 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(227, 168, 100) }
```

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

```
.border{ border-color:rgb(227, 168, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 168, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 168, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 168, 100);  
box-shadow:4px 4px 4px 4px rgb(227, 168,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 45.538, 71.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 168, 100) }
```

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

```
.background{ background-color: rgb(227,  
168, 100) }
```

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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