

Converting Colors

CIELCh(73, 41.907, 58.554)

Have a look what the booklet for
CIELCh(73, 41.907, 58.554) contains.

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Color

CIELCh(73, 41.846, 58.572)

Conversions

Conversions Part 1

Format	Color
Hex	ECA373
RGB	236, 163, 115
RGB Percent	93%, 64%, 45%
CMY	0.0753, 0.3615, 0.5497
CMYK	0.00, 0.31, 0.51, 0.08
HSL	24°, 76%, 69%
HSV	24°, 51%, 92%
XYZ	50.6768, 45.1644, 22.2155
YIQ	179.3550, 58.9160, 0.5480

Conversions

Conversions Part 2

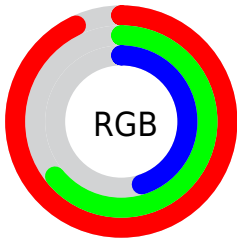
Format	Color
R _Y B	236, 195, 115
Decimal	15508339
CIE Lab	73.00, 21.82, 35.71
CIE LCh	73, 41.846, 58.572
Yxy	45.1644, 0.4293, 0.3826
Android (android.graphics.Color)	4293698419 (0xFFECA373)
YUV	179.3550, -31.7270, 49.6777
Hunter-Lab	67.2044, 16.9936, 27.4439

Details

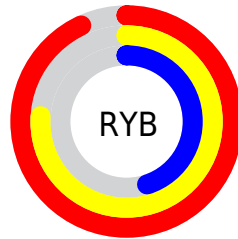
The CIELCh color **73, 41.846, 58.572** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **73, 32.392, 252.518**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 29.996, 78.529**, and **53, 41.731, 58.526** is the 20% darker color. If you saturate the color by 10%, you get **69, 51.531, 57.729**, and if you desaturate by 10%, it is **77, 32.614, 59.455**.

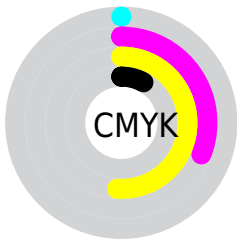
Distribution



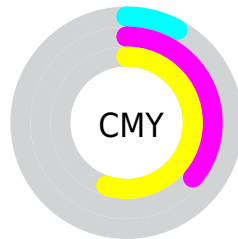
- Red (93%)
- Green (64%)
- Blue (45%)



- Red (93%)
- Yellow (76%)
- Blue (45%)



- Cyan (0%)
- Magenta (31%)
- Yellow (51%)
- Black (8%)



- Cyan (8%)
- Magenta (36%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 41.846, 58.572 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, 41.846, 58.572 by changing the saturation by 10% instead.

 73, 41.846, 58.572

 73, 41.846, 58.572

 100, 41.846,
58.572

 63, 41.846, 58.572

 93, 41.846, 58.572

 53, 41.846, 58.572

 43, 41.846, 58.572

 33, 41.846, 58.572

 23, 41.846, 58.572

 13, 41.846, 58.572

 3, 41.846, 58.572

 0, 41.846, 58.572

 73, 41.846, 58.572

 73, 41.846, 58.572

69, 51.531, 57.729

77, 32.614, 59.455

66, 61.450, 56.857

81, 23.913, 60.377

63, 71.092, 55.808

85, 15.748, 61.334

60, 79.436, 54.250

89, 8.090, 62.300

58, 84.935, 52.319

93, 0.897, 62.812

97, 5.442, 239.271

99, 6.582, 199.089

Harmonies

Complementary

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



73, 41.846, 58.572



73, 32.392, 252.518

Rectangle

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



73, 41.846, 58.572



73, 41.846, 108.572



73, 41.846, 238.572



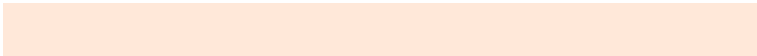
73, 41.846, 288.572

Sweetspot

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



73, 41.845, 58.577



93, 11.580, 61.939



65, 57.951, 342.528



49, 7.955, 61.734



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, 41.845, 58.577



74, 55.683, 57.648



88, 54.306, 99.371



47, 4.026, 62.473



45, 69.297, 52.982



11, 22.572, 50.216

Inverse Universe

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



73, 32.392, 252.518



75, 40.514, 255.920



57, 60.668, 293.242



47, 3.876, 244.632



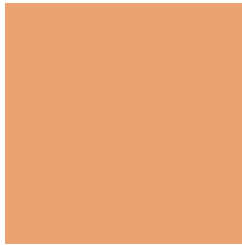
45, 45.213, 271.818



11, 17.311, 262.909

Previews

White Background



This preview shows how the CIELCh color 73, 41.846, 58.572 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 73, 41.846, 58.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

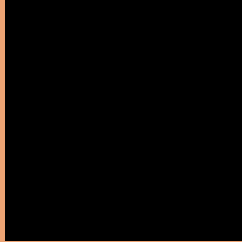
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 41.846, 58.572

Background



This preview shows how black text looks on a background with the CIELCh color 73, 41.846, 58.572.



This preview shows how white text looks on a background with the CIELCh color 73, 41.846, 58.572.

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](#).

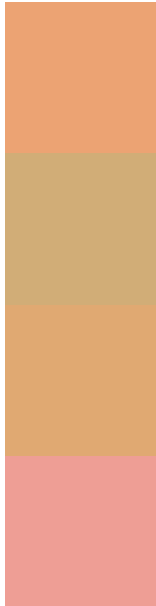
Dichromacy





Tritanopia
73, 33.563, 11.740

Trichromacy



Original Color
73, 41.846, 58.572

Protanomaly
73, 33.155, 79.691

Deuteranomaly
73, 38.617, 69.247

Tritanomaly
73, 33.360, 30.559

Monochromacy



Original Color
73, 41.846, 58.572

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 14.229, 60.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 41.846, 58.572 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(236, 163, 115)` looks like.

```
.text, #text, p{  
    color:rgb(236, 163, 115)  
}
```

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(236, 163, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 163, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 41.846, 58.572 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(236, 163, 115) }
```

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

```
.border{ border-color:rgb(236, 163, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 163, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 163, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 163, 115);  
box-shadow:4px 4px 4px 4px rgb(236, 163,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 41.846, 58.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 163, 115) }
```

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

```
.background{ background-color: rgb(236,  
163, 115) }
```

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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