

Converting Colors

CIELCh(73, 52.633, 66.420)

Have a look what the booklet for
CIELCh(73, 52.633, 66.420) contains.

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Color

CIELCh(73, 52.573, 66.240)

Conversions

Conversions Part 1

Format	Color
Hex	EFA35B
RGB	239, 163, 91
RGB Percent	94%, 64%, 36%
CMY	0.0638, 0.3617, 0.6440
CMYK	0.00, 0.32, 0.62, 0.06
HSL	29°, 82%, 65%
HSV	29°, 62%, 94%
XYZ	50.4381, 45.1644, 15.9053
YIQ	177.5160, 68.4080, -6.2800

Conversions

Conversions Part 2

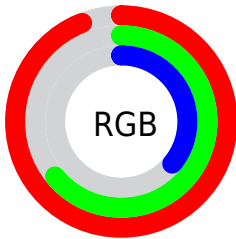
Format	Color
R_{YB}	239, 231, 91
Decimal	15704923
CIE Lab	73.00, 21.18, 48.12
CIE LCh	73, 52.573, 66.240
Yxy	45.1644, 0.4523, 0.4050
Android (android.graphics.Color)	4293895003 (0xFFEFA35B)
YUV	177.5160, -42.6524, 53.9215
Hunter-Lab	67.2044, 16.3595, 33.0109

Details

The CIELCh color **73, 52.573, 66.240** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **66, 43.133, 267.288**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 41.725, 85.535**, and **53, 52.567, 66.170** is the 20% darker color. If you saturate the color by 10%, you get **70, 61.928, 64.866**, and if you desaturate by 10%, it is **76, 43.189, 67.526**.

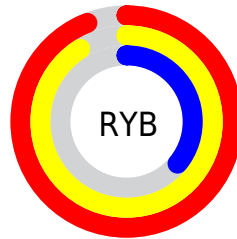
Distribution



Red (94%)

Green (64%)

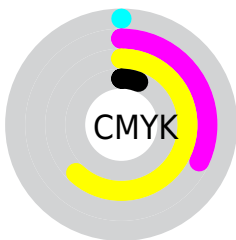
Blue (36%)



Red (94%)

Yellow (91%)

Blue (36%)

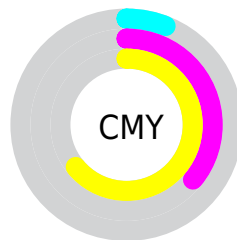


Cyan (0%)

Magenta (32%)

Yellow (62%)

Black (6%)



Cyan (6%)

Magenta (36%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 52.573, 66.240 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, 52.573, 66.240 by changing the saturation by 10% instead.

73, 52.573, 66.240

73, 52.573, 66.240

100, 52.573,
66.240

63, 52.573, 66.240

93, 52.573, 66.240

53, 52.573, 66.240

43, 52.573, 66.240

33, 52.573, 66.240

23, 52.573, 66.240

13, 52.573, 66.240

3, 52.573, 66.240

0, 52.573, 66.240

73, 52.573, 66.240

73, 52.573, 66.240

70, 61.928, 64.866

76, 43.189, 67.526

67, 70.668, 63.241

80, 34.060, 68.776

64, 77.765, 61.070

83, 25.306, 70.017

62, 81.855, 58.838

86, 16.959, 71.249

90, 9.015, 72.457

94, 1.446, 73.419

97, 4.677, 244.167

99, 5.594, 199.169

Harmonies

Complementary

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



73, 52.573, 66.240



66, 43.133, 267.288

Rectangle

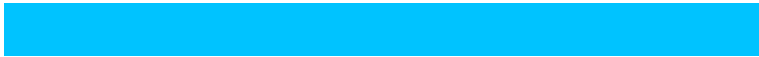
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 52.573, 66.240



73, 52.573, 116.240



73, 52.573, 246.240



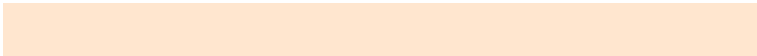
73, 52.573, 296.240

Sweetspot

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



73, 52.572, 66.244



93, 15.356, 71.604



60, 64.957, 350.035



48, 10.645, 71.254



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, 52.572, 66.244



74, 67.287, 64.524



91, 70.422, 103.641



48, 4.265, 72.749



49, 66.975, 59.520



13, 23.421, 59.803

Inverse Universe

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



66, 43.133, 267.288



65, 53.663, 271.946



47, 84.769, 299.607



48, 4.162, 255.241



40, 54.903, 282.698



10, 20.880, 274.868

Previews

White Background



This preview shows how the CIELCh color 73, 52.573, 66.240 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, 52.573, 66.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

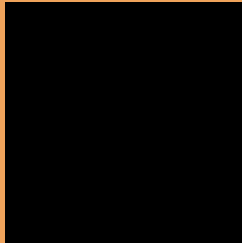
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 52.573, 66.240

Background



This preview shows how black text looks on a background with the CIELCh color 73, 52.573, 66.240.



This preview shows how white text looks on a background with the CIELCh color 73, 52.573, 66.240.

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

73, 52.573, 66.240

Protanopia

73, 45.004, 95.809

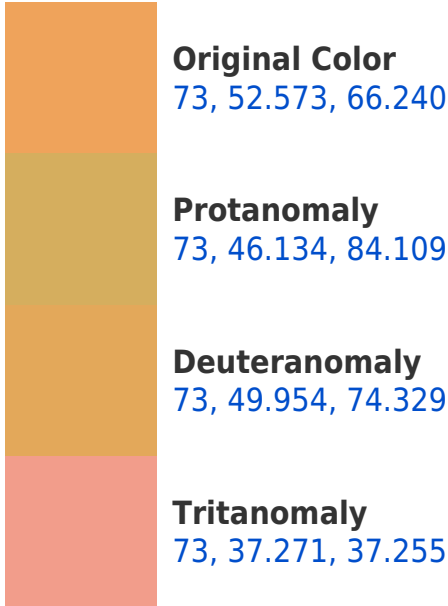
Deuteranopia

73, 49.419, 79.138



Tritanopia
73, 35.995, 12.786

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 52.573, 66.240 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(239, 163, 91)` looks like.

```
.text, #text, p{  
    color:rgb(239, 163, 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(239, 163, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 163, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 52.573, 66.240 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(239, 163, 91) }
```

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

```
.border{ border-color:rgb(239, 163, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 163, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 163, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 163, 91);  
box-shadow:4px 4px 4px 4px rgb(239, 163,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 52.573, 66.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 163, 91) }
```

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

```
.background{ background-color: rgb(239,  
163, 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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