

Converting Colors

CIELCh(73, 40.304, 55.779)

Have a look what the booklet for
CIELCh(73, 40.304, 55.779) contains.

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Color

CIELCh(73, 40.363, 55.760)

Conversions

Conversions Part 1

Format	Color
Hex	ECA277
RGB	236, 162, 119
RGB Percent	93%, 64%, 47%
CMY	0.0733, 0.3636, 0.5323
CMYK	0.00, 0.31, 0.50, 0.07
HSL	22°, 76%, 70%
HSV	22°, 50%, 93%
XYZ	51.0117, 45.1644, 23.5662
YIQ	179.2240, 57.9070, 2.3150

Conversions

Conversions Part 2

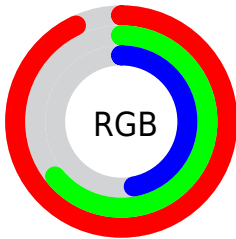
Format	Color
R _Y B	236, 187, 119
Decimal	15508087
CIE Lab	73.00, 22.71, 33.37
CIE LCh	73, 40.363, 55.760
Yxy	45.1644, 0.4260, 0.3772
Android (android.graphics.Color)	4293698167 (0xFFECA277)
YUV	179.2240, -29.6904, 49.7926
Hunter-Lab	67.2044, 17.8830, 26.2522

Details

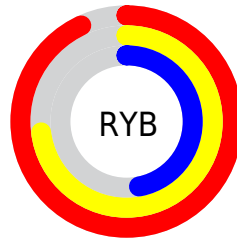
The CIELCh color **73, 40.363, 55.760** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **75, 30.717, 247.958**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 27.976, 75.594**, and **53, 40.180, 55.705** is the 20% darker color. If you saturate the color by 10%, you get **69, 50.141, 55.096**, and if you desaturate by 10%, it is **77, 31.108, 56.493**.

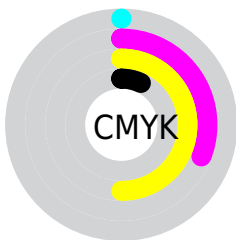
Distribution



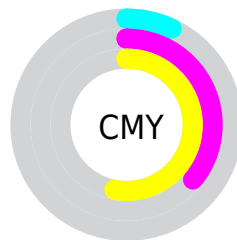
- Red (93%)
- Green (64%)
- Blue (47%)



- Red (93%)
- Yellow (73%)
- Blue (47%)



- Cyan (0%)
- Magenta (31%)
- Yellow (50%)
- Black (7%)



- Cyan (7%)
- Magenta (36%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 40.363, 55.760 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, 40.363, 55.760 by changing the saturation by 10% instead.

 73, 40.363, 55.760

 73, 40.363, 55.760

 100, 40.363,
55.760

 63, 40.363, 55.760

 93, 40.363, 55.760

 53, 40.363, 55.760

 43, 40.363, 55.760

 33, 40.363, 55.760

 23, 40.363, 55.760

 13, 40.363, 55.760

 3, 40.363, 55.760

 0, 40.363, 55.760

 73, 40.363, 55.760

 73, 40.363, 55.760

69, 50.141, 55.096

77, 31.108, 56.493

66, 60.266, 54.444

81, 22.432, 57.285

62, 70.302, 53.681

85, 14.326, 58.126

59, 79.321, 52.502

89, 6.755, 58.979

57, 86.172, 50.576

94, 0.330, 241.580

57, 86.483, 50.497

98, 5.558, 215.416

99, 6.409, 199.103

Harmonies

Complementary

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



73, 40.363, 55.760



75, 30.717, 247.958

Rectangle

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



73, 40.363, 55.760



73, 40.363, 105.760



73, 40.363, 235.760



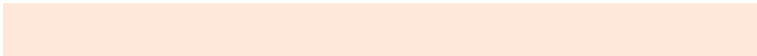
73, 40.363, 285.760

Sweetspot

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



73, 40.362, 55.765



93, 11.526, 58.510



66, 56.834, 341.449



49, 7.921, 58.328



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, 40.362, 55.765



74, 52.811, 55.115



87, 51.890, 98.606



47, 4.003, 58.985



44, 70.416, 51.139



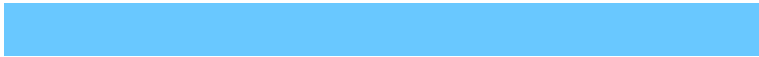
11, 22.818, 47.403

Inverse Universe

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



75, 30.717, 247.958



77, 37.749, 250.738



59, 57.297, 292.081



47, 3.837, 240.976



46, 42.675, 267.531



12, 16.572, 258.568

Previews

White Background



This preview shows how the CIELCh color 73, 40.363, 55.760 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, 40.363, 55.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

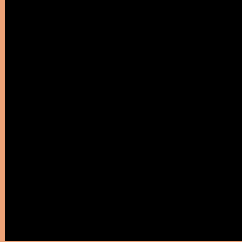
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 40.363, 55.760

Background



This preview shows how black text looks on a background with the CIELCh color 73, 40.363, 55.760.



This preview shows how white text looks on a background with the CIELCh color 73, 40.363, 55.760.

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, 40.363, 55.760

Protanopia

73, 29.147, 94.967

Deuteranopia

73, 35.518, 75.136

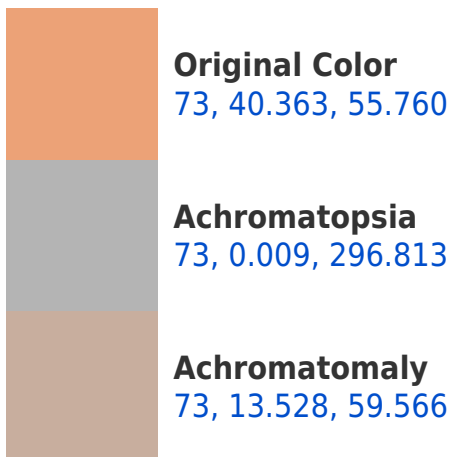


Tritanopia
73, 33.563, 11.740

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 40.363, 55.760 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, 162, 119)` looks like.

```
.text, #text, p{  
    color:rgb(236, 162, 119)  
}
```

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, 162, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 162, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 40.363, 55.760 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, 162, 119) }
```

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

```
.border{ border-color:rgb(236, 162, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 162, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 162, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 162, 119); box-shadow:4px 4px 4px 4px rgb(236, 162, 119) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 40.363, 55.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 162, 119) }
```

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

```
.background{ background-color: rgb(236,  
162, 119) }
```

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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