

Converting Colors

CIELCh(73, 45.832, 37.905)

Have a look what the booklet for
CIELCh(73, 45.832, 37.905) contains.

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Color

CIELCh(73, 45.541, 37.885)

Conversions

Conversions Part 1

Format	Color
Hex	FE9882
RGB	254, 152, 130
RGB Percent	100%, 60%, 51%
CMY	0.0037, 0.4037, 0.4900
CMYK	0.00, 0.40, 0.49, 0.00
HSL	11°, 98%, 75%
HSV	11°, 49%, 100%
XYZ	56.1594, 45.1644, 26.8918
YIQ	179.9900, 67.8540, 14.7820

Conversions

Conversions Part 2

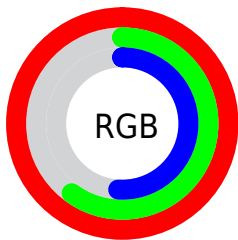
Format	Color
RYB	254, 157, 130
Decimal	16685186
CIELab	73.00, 35.94, 27.97
CIELCh	73, 45.541, 37.885
Yxy	45.1644, 0.4380, 0.3523
Android (android.graphics.Color)	4294875266 (0xFFFE9882)
YUV	179.9900, -24.6451, 64.9068
Hunter-Lab	67.2044, 31.5556, 23.3183

Details

The CIELCh color **73, 45.541, 37.885** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 31.228, 219.525**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 22.768, 53.548**, and **53, 45.887, 37.811** is the 20% darker color. If you saturate the color by 10%, you get **68, 56.990, 38.726**, and if you desaturate by 10%, it is **78, 34.763, 37.316**.

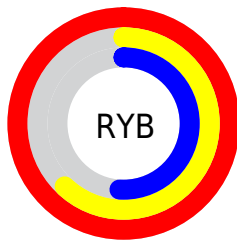
Distribution



Red (100%)

Green (60%)

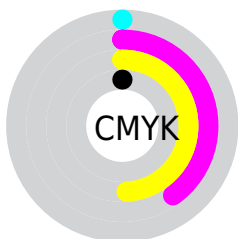
Blue (51%)



Red (100%)

Yellow (62%)

Blue (51%)

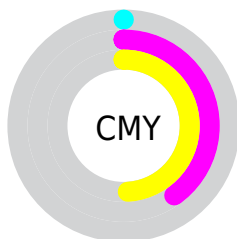


Cyan (0%)

Magenta (40%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 45.541, 37.885 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, 45.541, 37.885 by changing the saturation by 10% instead.

73, 45.541, 37.885

73, 45.541, 37.885

100, 45.541,
37.885

63, 45.541, 37.885

93, 45.541, 37.885

53, 45.541, 37.885

43, 45.541, 37.885

33, 45.541, 37.885

23, 45.541, 37.885

13, 45.541, 37.885

3, 45.541, 37.885

0, 45.541, 37.885

73, 45.541, 37.885

73, 45.541, 37.885

68, 56.990, 38.726

78, 34.763, 37.316

64, 68.909, 39.829

83, 24.742, 36.968

60, 80.828, 41.097

89, 15.484, 36.796

57, 91.698, 42.170

95, 6.955, 36.730

55, 99.642, 42.385

100, 0.330,
201.395

55, 100.455,
42.429

Harmonies

Complementary

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



73, 45.541, 37.885



87, 31.228, 219.525

Rectangle

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



73, 45.541, 37.885



73, 45.541, 87.885



73, 45.541, 217.885



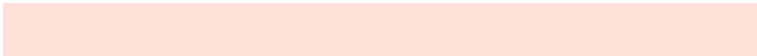
73, 45.541, 267.885

Sweetspot

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



73, 45.539, 37.889



91, 12.187, 36.764



72, 67.795, 332.520



48, 8.388, 36.780



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, 45.539, 37.889



68, 57.387, 38.745



87, 46.254, 84.592



50, 4.514, 36.734



42, 80.717, 42.795



11, 30.311, 35.930

Inverse Universe

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



87, 31.228, 219.525



85, 35.674, 220.867



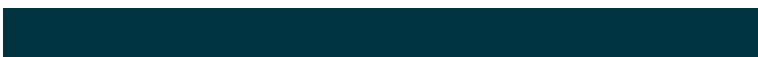
70, 46.039, 280.110



52, 4.248, 217.161



60, 35.119, 230.734



19, 16.137, 226.070

Previews

White Background



This preview shows how the CIELCh color 73, 45.541, 37.885 looks on a white background.

Color Contrast Check

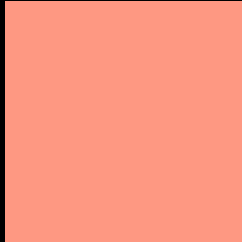
Large Text (above 18pt) WCAG AA × Fail

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, 45.541, 37.885 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, 45.541, 37.885

Background



This preview shows how black text looks on a background with the CIELCh color 73, 45.541, 37.885.



This preview shows how white text looks on a background with the CIELCh color 73, 45.541, 37.885.

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, 45.541, 37.885

Protanopia

73, 20.534, 94.496

Deuteranopia

73, 30.874, 72.571



Tritanopia
73, 42.586, 16.604

Trichromacy



Original Color
73, 45.541, 37.885

Protanomaly
73, 25.436, 61.211

Deuteranomaly
73, 34.750, 56.647

Tritanomaly
73, 43.130, 24.955

Monochromacy



Original Color
73, 45.541, 37.885

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 15.323, 36.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 45.541, 37.885 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(254, 152, 130)` looks like.

```
.text, #text, p{  
    color:rgb(254, 152, 130)  
}
```

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(254, 152, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 152, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 45.541, 37.885 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(254, 152, 130) }
```

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

```
.border{ border-color:rgb(254, 152, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 152, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 152, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 152, 130);  
box-shadow:4px 4px 4px 4px rgb(254, 152,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 45.541, 37.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 152, 130) }
```

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

```
.background{ background-color: rgb(254,  
152, 130) }
```

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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