

Converting Colors

CIELCh(73, 45.230, 37.281)

Have a look what the booklet for
CIELCh(73, 45.230, 37.281) contains.

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Color

CIELCh(73, 45.296, 37.295)

Conversions

Conversions Part 1

Format	Color
Hex	FE9883
RGB	254, 152, 131
RGB Percent	100%, 60%, 51%
CMY	0.0039, 0.4039, 0.4863
CMYK	0.00, 0.40, 0.48, 0.00
HSL	10°, 98%, 75%
HSV	10°, 48%, 100%
XYZ	56.1960, 45.1644, 27.2275
YIQ	180.1040, 67.5330, 15.0930

Conversions

Conversions Part 2

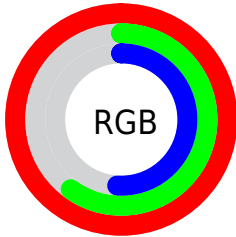
Format	Color
R_{YB}	254, 156, 131
Decimal	16685187
CIE _{Lab}	73.00, 36.03, 27.45
CIE _{LCh}	73, 45.296, 37.295
Yxy	45.1644, 0.4370, 0.3512
Android (android.graphics.Color)	4294875267 (0xFFFE9883)
YUV	180.1040, -24.2083, 64.8068
Hunter-Lab	67.2044, 31.6529, 23.0221

Details

The CIELCh color **73, 45.296, 37.295** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 31.137, 218.519**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 22.449, 52.524**, and **53, 45.612, 37.205** is the 20% darker color. If you saturate the color by 10%, you get **68, 56.758, 38.183**, and if you desaturate by 10%, it is **78, 34.506, 36.687**.

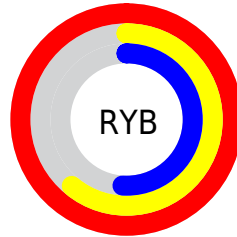
Distribution



Red (100%)

Green (60%)

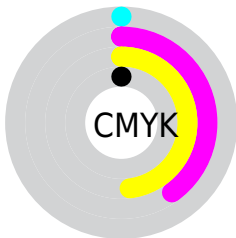
Blue (51%)



Red (100%)

Yellow (61%)

Blue (51%)

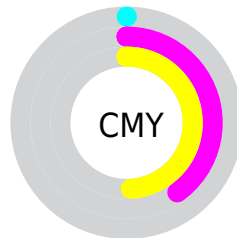


Cyan (0%)

Magenta (40%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 45.296, 37.295 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, 45.296, 37.295 by changing the saturation by 10% instead.

 73, 45.296, 37.295

 73, 45.296, 37.295

 100, 45.296,
37.295

 63, 45.296, 37.295

 93, 45.296, 37.295

 53, 45.296, 37.295

 43, 45.296, 37.295

 33, 45.296, 37.295

 23, 45.296, 37.295

 13, 45.296, 37.295

 3, 45.296, 37.295

 0, 45.296, 37.295

 73, 45.296, 37.295

 73, 45.296, 37.295

68, 56.758, 38.183

78, 34.506, 36.687

64, 68.691, 39.345

83, 24.473, 36.304

60, 80.639, 40.692

89, 15.205, 36.100

57, 91.581, 41.874

95, 6.666, 36.001

55, 99.610, 42.198

100, 0.349,
201.284

55, 100.679,
42.263

Harmonies

Complementary

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



73, 45.296, 37.295



87, 31.137, 218.519

Rectangle

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



73, 45.296, 37.295



73, 45.296, 87.295



73, 45.296, 217.295



73, 45.296, 267.295

Sweetspot

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



73, 45.294, 37.299



91, 12.240, 36.060



72, 67.303, 332.494



47, 8.425, 36.083



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, 45.294, 37.299



69, 56.442, 38.141



87, 45.872, 84.648



50, 4.534, 36.011



41, 80.920, 42.618



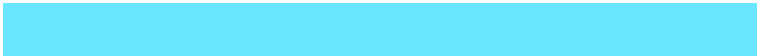
11, 30.408, 35.579

Inverse Universe

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



87, 31.137, 218.519



85, 35.386, 219.690



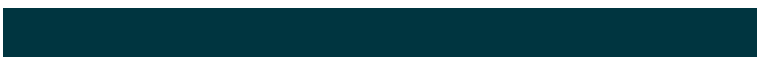
71, 45.650, 280.008



52, 4.265, 216.378



60, 35.083, 229.268



20, 16.149, 224.793

Previews

White Background



This preview shows how the CIELCh color 73, 45.296, 37.295 looks on a white background.

Color Contrast Check

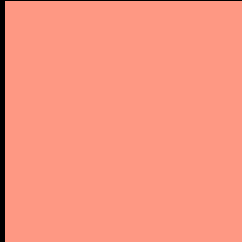
Large Text (above 18pt) WCAG AA × Fail

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, 45.296, 37.295 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, 45.296, 37.295

Background



This preview shows how black text looks on a background with the CIELCh color 73, 45.296, 37.295.



This preview shows how white text looks on a background with the CIELCh color 73, 45.296, 37.295.

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, 45.296, 37.295

Protanopia

73, 20.012, 94.209

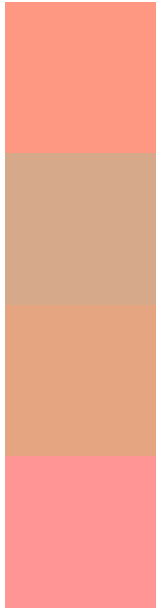
Deuteranopia

73, 30.421, 72.084



Tritanopia
73, 42.586, 16.604

Trichromacy



Original Color
73, 45.296, 37.295

Protanomaly
73, 25.045, 60.397

Deuteranomaly
73, 34.379, 56.032

Tritanomaly
73, 43.008, 24.266

Monochromacy



Original Color
73, 45.296, 37.295

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, 45.296, 37.295 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(254, 152, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 152, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 45.296, 37.295 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, 131) }
```

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

```
.border{ border-color:rgb(254, 152, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 152, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 152, 131);  
box-shadow:4px 4px 4px 4px rgb(254, 152,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 45.296, 37.295 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, 131) }
```

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

```
.background{ background-color: rgb(254,  
152, 131) }
```

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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