

Converting Colors

CIELCh(73, 48.692, 52.352)

Have a look what the booklet for
CIELCh(73, 48.692, 52.352) contains.

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Color

CIELCh(73, 48.841, 52.504)

Conversions

Conversions Part 1

Format	Color
Hex	F99D6E
RGB	249, 157, 110
RGB Percent	98%, 62%, 43%
CMY	0.0252, 0.3858, 0.5700
CMYK	0.00, 0.37, 0.56, 0.03
HSL	20°, 92%, 70%
HSV	20°, 56%, 97%
XYZ	53.7012, 45.1644, 20.5370
YIQ	179.1500, 69.9190, 4.8870

Conversions

Conversions Part 2

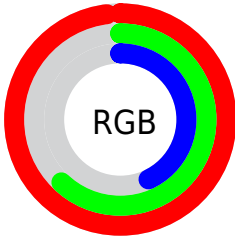
Format	Color
RYB	249, 181, 110
Decimal	16358766
CIELab	73.00, 29.73, 38.75
CIELCh	73, 48.841, 52.504
Yxy	45.1644, 0.4497, 0.3783
Android (android.graphics.Color)	4294548846 (0xFFFF99D6E)
YUV	179.1500, -34.0909, 61.2585
Hunter-Lab	67.2044, 25.0265, 28.9246

Details

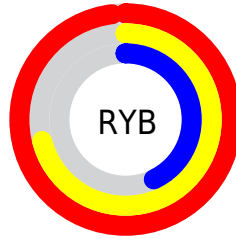
The CIELCh color **73, 48.841, 52.504** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **77, 34.587, 245.425**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 31.516, 74.619**, and **53, 48.961, 52.531** is the 20% darker color. If you saturate the color by 10%, you get **69, 59.490, 52.079**, and if you desaturate by 10%, it is **77, 38.684, 53.005**.

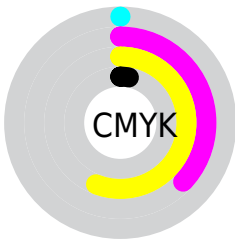
Distribution



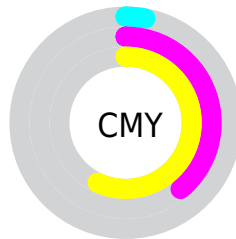
- Red (98%)
- Green (62%)
- Blue (43%)



- Red (98%)
- Yellow (71%)
- Blue (43%)



- Cyan (0%)
- Magenta (37%)
- Yellow (56%)
- Black (3%)



- Cyan (3%)
- Magenta (39%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 48.841, 52.504 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, 48.841, 52.504 by changing the saturation by 10% instead.

73, 48.841, 52.504

73, 48.841, 52.504

100, 48.841,
52.504

63, 48.841, 52.504

93, 48.841, 52.504

53, 48.841, 52.504

43, 48.841, 52.504

33, 48.841, 52.504

23, 48.841, 52.504

13, 48.841, 52.504

3, 48.841, 52.504

0, 48.841, 52.504

73, 48.841, 52.504

73, 48.841, 52.504

69, 59.490, 52.079

77, 38.684, 53.005

66, 70.303, 51.629

81, 29.149, 53.591

62, 80.516, 50.919

86, 20.257, 54.258

59, 88.683, 49.461

90, 11.984, 54.982

58, 91.438, 48.736

95, 4.284, 55.689

100, 2.230,
199.561

Harmonies

Complementary

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



73, 48.841, 52.504



77, 34.587, 245.425

Rectangle

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



73, 48.841, 52.504



73, 48.841, 102.504



73, 48.841, 232.504



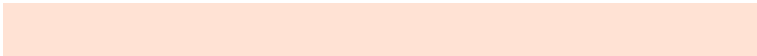
73, 48.841, 282.504

Sweetspot

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



73, 48.840, 52.508



92, 13.144, 54.898



66, 67.134, 340.471



48, 8.856, 54.750



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, 48.840, 52.508



70, 61.978, 52.029



90, 58.856, 95.822



50, 4.208, 55.450



45, 73.883, 49.340



13, 26.859, 46.394

Inverse Universe

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



77, 34.587, 245.425



76, 40.495, 248.966



59, 65.407, 292.059



50, 4.015, 237.256



50, 41.721, 262.979



15, 17.558, 255.372

Previews

White Background



This preview shows how the CIELCh color 73, 48.841, 52.504 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, 48.841, 52.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

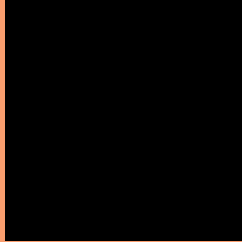
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 48.841, 52.504

Background



This preview shows how black text looks on a background with the CIELCh color 73, 48.841, 52.504.

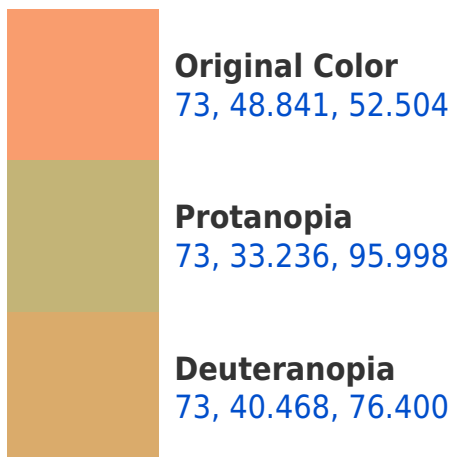


This preview shows how white text looks on a background with the CIELCh color 73, 48.841, 52.504.

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, 40.916, 15.372

Trichromacy



Original Color
73, 48.841, 52.504

Protanomaly
73, 35.499, 76.652

Deuteranomaly
73, 42.460, 66.713

Tritanomaly
73, 41.736, 30.452

Monochromacy



Original Color
73, 48.841, 52.504

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 16.232, 54.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 48.841, 52.504 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(249, 157, 110)` looks like.

```
.text, #text, p{  
    color:rgb(249, 157, 110)  
}
```

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(249, 157, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 157, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 48.841, 52.504 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(249, 157, 110) }
```

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

```
.border{ border-color:rgb(249, 157, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 157, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 157, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 157, 110);  
box-shadow:4px 4px 4px 4px rgb(249, 157,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 48.841, 52.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 157, 110) }
```

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

```
.background{ background-color: rgb(249,  
157, 110) }
```

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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