

Converting Colors

CIELCh(48, 8.748, 73.087)

Have a look what the booklet for
CIELCh(48, 8.748, 73.087) contains.

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Color

CIELCh(48, 8.743, 73.117)

Conversions

Conversions Part 1

Format	Color
Hex	7C7064
RGB	124, 112, 100
RGB Percent	49%, 44%, 39%
CMY	0.5137, 0.5608, 0.6078
CMYK	0.00, 0.10, 0.19, 0.51
HSL	30°, 11%, 44%
HSV	30°, 19%, 49%
XYZ	16.4075, 16.7945, 14.4344
YIQ	114.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

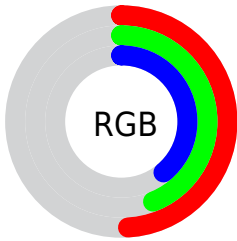
Format	Color
R_{YB}	124, 124, 100
Decimal	8155236
CIE _{Lab}	48.00, 2.54, 8.37
CIE _{LCh}	48, 8.743, 73.117
Yxy	16.7945, 0.3444, 0.3526
Android (android.graphics.Color)	4286345316 (0xFF7C7064)
YUV	114.2200, -7.0105, 8.5771
Hunter-Lab	40.9810, -0.2512, 7.8036

Details

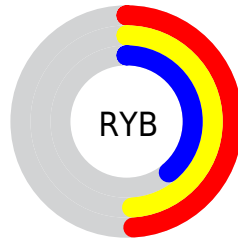
The CIELCh color $48, 8.743, 73.117$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 8.331, 258.071$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 8.792, 73.609$, and $28, 8.913, 72.148$ is the 20% darker color. If you saturate the color by 10%, you get $46, 13.566, 71.938$, and if you desaturate by 10%, it is $50, 4.131, 74.281$.

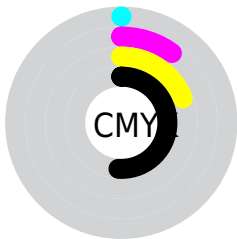
Distribution



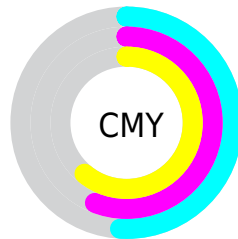
- Red (49%)
- Green (44%)
- Blue (39%)



- Red (49%)
- Yellow (49%)
- Blue (39%)



- Cyan (0%)
- Magenta (10%)
- Yellow (19%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 8.743, 73.117 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 48, 8.743, 73.117 by changing the saturation by 10% instead.

 48, 8.743, 73.117  48, 8.743, 73.117

 100, 8.743, 73.117  38, 8.743, 73.117

 68, 8.743, 73.117  28, 8.743, 73.117

 78, 8.743, 73.117  18, 8.743, 73.117

 88, 8.743, 73.117  8, 8.743, 73.117

 98, 8.743, 73.117  0, 8.743, 73.117

 48, 8.743, 73.117  48, 8.743, 73.117

 46, 13.566, 71.938  50, 4.131, 74.281

 44, 18.606, 70.732  52, 0.285, 256.415

 42, 23.854, 69.514  54, 4.523, 256.700

■ 40, 29.269, 68.276

■ 56, 8.599, 257.775

■ 38, 34.752, 66.984

■ 59, 12.532,
258.830

■ 37, 40.091, 65.558

■ 61, 16.338,
259.850

■ 35, 44.890, 63.831

■ 34, 49.319, 62.067

■ 63, 20.030,
260.830

■ 33, 49.651, 61.995

■ 65, 23.622,
261.769

■ 67, 27.125,
262.665

Harmonies

Complementary

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



48, 8.743, 73.117



47, 8.331, 258.071

Rectangle

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



48, 8.743, 73.117



48, 8.743, 123.117



48, 8.743, 253.117



48, 8.743, 303.117

Sweetspot

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



48, 8.743, 73.128



65, 3.251, 74.623



45, 12.191, 345.250



34, 2.176, 74.572



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48, 8.743, 73.128



60, 12.965, 72.632



51, 13.848, 108.387



25, 2.459, 74.314



34, 49.930, 61.963



66, 84.934, 59.814

Inverse Universe

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



47, 8.331, 258.071



58, 12.207, 258.749



43, 14.451, 292.244



24, 2.412, 256.616



27, 41.208, 282.428



54, 73.082, 285.014

Previews

White Background



This preview shows how the CIELCh color 48, 8.743, 73.117 looks on a white 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 × Fail

Black Background



This preview shows how the CIE LCh color 48, 8.743, 73.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

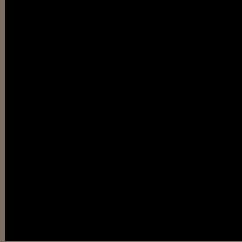
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 8.743, 73.117

Background



This preview shows how black text looks on a background with the CIELCh color 48, 8.743, 73.117.



This preview shows how white text looks on a background with the CIELCh color 48, 8.743, 73.117.

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

48, 8.743, 73.117

Protanopia

48, 7.909, 93.552

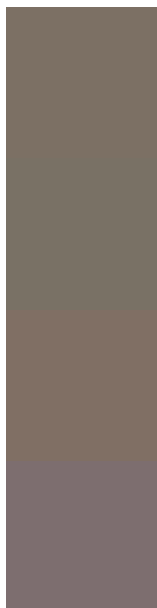
Deuteranopia

48, 10.501, 53.974



Tritanopia
48, 8.731, 343.136

Trichromacy



Original Color
48, 8.743, 73.117

Protanomaly
48, 7.825, 83.378

Deuteranomaly
48, 9.809, 60.926

Tritanomaly
48, 6.258, 14.733

Monochromacy



Original Color
48, 8.743, 73.117

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 3.120, 68.267

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 48, 8.743, 73.117 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(124, 112, 100)` looks like.

```
.text, #text, p{  
    color:rgb(124, 112, 100)  
}
```

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(124, 112, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 112, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 8.743, 73.117 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(124, 112, 100) }
```

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

```
.border{ border-color:rgb(124, 112, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 112, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 112, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 112, 100);  
box-shadow:4px 4px 4px 4px rgb(124, 112,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 8.743, 73.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 112, 100) }
```

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

```
.background{ background-color: rgb(124,  
112, 100) }
```

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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