

Converting Colors

CIELCh(48, 9.530, 77.261)

Have a look what the booklet for
CIELCh(48, 9.530, 77.261) contains.

CIELCh(48, 9.736, 76.899)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(48, 9.736, 76.899)

Conversions

Conversions Part 1

Format	Color
Hex	7C7062
RGB	124, 112, 98
RGB Percent	49%, 44%, 38%
CMY	0.5132, 0.5603, 0.6152
CMYK	0.00, 0.10, 0.21, 0.51
HSL	32°, 12%, 44%
HSV	32°, 21%, 49%
XYZ	16.3488, 16.7945, 13.9655
YIQ	113.9920, 11.6460, -1.8100

Conversions

Conversions Part 2

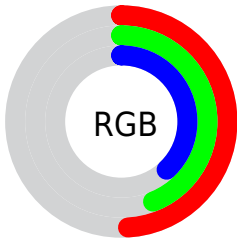
Format	Color
R_{YB}	120, 124, 98
Decimal	8155234
CIE Lab	48.00, 2.21, 9.48
CIE LCh	48, 9.736, 76.899
Yxy	16.7945, 0.3470, 0.3565
Android (android.graphics.Color)	4286345314 (0xFF7C7062)
YUV	113.9920, -7.8841, 8.7770
Hunter-Lab	40.9810, -0.5068, 8.4819

Details

The CIELCh color $48, 9.736, 76.899$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 9.352, 262.417$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 9.718, 77.189$, and $28, 9.453, 74.243$ is the 20% darker color. If you saturate the color by 10%, you get $46, 14.668, 75.663$, and if you desaturate by 10%, it is $50, 4.990, 78.116$.

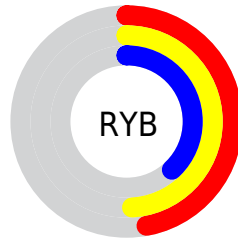
Distribution



Red (49%)

Green (44%)

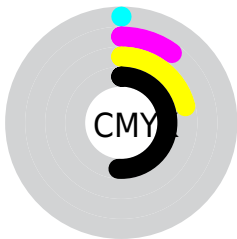
Blue (38%)



Red (47%)

Yellow (49%)

Blue (38%)

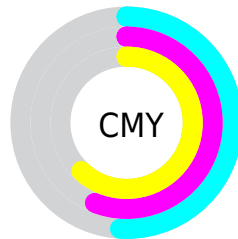


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (51%)



Cyan (51%)

Magenta (56%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 9.736, 76.899 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, 9.736, 76.899 by changing the saturation by 10% instead.

48, 9.736, 76.899

48, 9.736, 76.899

100, 9.736, 76.899

38, 9.736, 76.899

68, 9.736, 76.899

28, 9.736, 76.899

78, 9.736, 76.899

18, 9.736, 76.899

88, 9.736, 76.899

8, 9.736, 76.899

98, 9.736, 76.899

0, 9.736, 76.899

48, 9.736, 76.899

48, 9.736, 76.899

46, 14.668, 75.663

50, 4.990, 78.116

44, 19.783, 74.392

52, 0.420, 78.797

42, 25.063, 73.096

54, 3.988, 260.589

41, 30.450, 71.762

56, 8.248, 261.686

39, 35.817, 70.353

58, 12.375,
262.762

37, 40.916, 68.782

60, 16.383,
263.798

36, 45.309, 66.877

35, 49.081, 65.212

62, 20.285,
264.791

64, 24.092,
265.740

66, 27.815,
266.644

Harmonies

Complementary

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



48, 9.736, 76.899



46, 9.352, 262.417

Rectangle

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



48, 9.736, 76.899



48, 9.736, 126.899



48, 9.736, 256.899



48, 9.736, 306.899

Sweetspot

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



48, 9.736, 76.909



65, 3.344, 78.659



44, 12.954, 347.297



34, 2.238, 78.604



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, 9.736, 76.909



60, 14.479, 76.335



51, 15.001, 109.656



25, 2.528, 78.335



35, 49.319, 65.185



68, 83.652, 63.089

Inverse Universe

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



46, 9.352, 262.417



57, 13.767, 263.200



43, 15.714, 293.622



24, 2.491, 260.677



25, 44.387, 286.060



51, 78.894, 288.506

Previews

White Background



This preview shows how the CIELCh color 48, 9.736, 76.899 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 CIELCh color 48, 9.736, 76.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

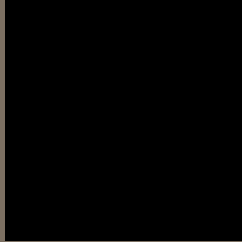
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 9.736, 76.899

Background



This preview shows how black text looks on a background with the CIELCh color 48, 9.736, 76.899.



This preview shows how white text looks on a background with the CIELCh color 48, 9.736, 76.899.

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, 9.736, 76.899

Protanopia

48, 9.047, 95.311

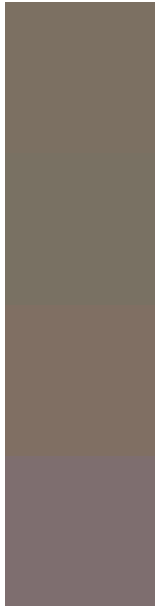
Deuteranopia

48, 10.869, 56.390



Tritanopia
48, 9.059, 344.780

Trichromacy



Original Color
48, 9.736, 76.899

Protanomaly
48, 8.906, 86.397

Deuteranomaly
48, 10.226, 63.241

Tritanomaly
48, 6.680, 15.131

Monochromacy



Original Color
48, 9.736, 76.899

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 3.586, 74.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 9.736, 76.899 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, 98)` looks like.

```
.text, #text, p{  
    color:rgb(124, 112, 98)  
}
```

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, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 112, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 9.736, 76.899 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, 98) }
```

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

```
.border{ border-color:rgb(124, 112, 98) }
```

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, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 112, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 112, 98);  
box-shadow:4px 4px 4px 4px rgb(124, 112,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 9.736, 76.899 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, 98) }
```

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

```
.background{ background-color: rgb(124,  
112, 98) }
```

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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