

Converting Colors

CIELCh(48, 11.197, 22.001)

Have a look what the booklet for
CIELCh(48, 11.197, 22.001) contains.

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Color

CIELCh(48, 11.062, 23.721)

Conversions

Conversions Part 1

Format	Color
Hex	866C6B
RGB	134, 108, 107
RGB Percent	53%, 42%, 42%
CMY	0.4753, 0.5772, 0.5811
CMYK	0.00, 0.19, 0.20, 0.48
HSL	2°, 11%, 47%
HSV	2°, 20%, 52%
XYZ	17.7860, 16.7945, 16.1619
YIQ	115.6600, 15.8170, 5.2010

Conversions

Conversions Part 2

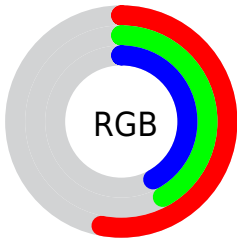
Format	Color
R_{YB}	134, 108, 107
Decimal	8809579
CIE _{Lab}	48.00, 10.13, 4.45
CIE _{LCh}	48, 11.062, 23.721
Yxy	16.7945, 0.3505, 0.3310
Android (android.graphics.Color)	4286999659 (0xFF866C6B)
YUV	115.6600, -4.2694, 16.0842
Hunter-Lab	40.9810, 5.7532, 5.3042

Details

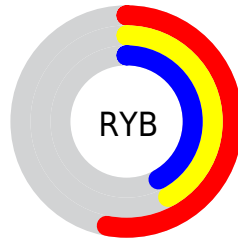
The CIELCh color **48, 11.062, 23.721** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **54, 9.714, 201.898**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 11.424, 23.140**, and **28, 10.919, 24.662** is the 20% darker color. If you saturate the color by 10%, you get **44, 17.189, 24.594**, and if you desaturate by 10%, it is **52, 5.365, 23.043**.

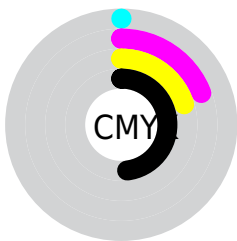
Distribution



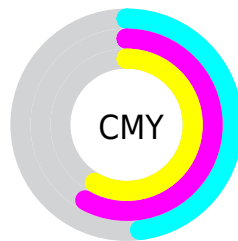
- Red (53%)
- Green (42%)
- Blue (42%)



- Red (53%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (19%)
- Yellow (20%)
- Black (48%)



- Cyan (48%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 11.062, 23.721 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, 11.062, 23.721 by changing the saturation by 10% instead.

■ 48, 11.062, 23.721

■ 48, 11.062, 23.721

■ 100, 11.062,
23.721

■ 38, 11.062, 23.721

■ 68, 11.062, 23.721

■ 28, 11.062, 23.721

■ 78, 11.062, 23.721

■ 18, 11.062, 23.721

■ 88, 11.062, 23.721

■ 8, 11.062, 23.721

■ 98, 11.062, 23.721

■ 0, 11.062, 23.721

■ 48, 11.062, 23.721

■ 48, 11.062, 23.721

■ 44, 17.189, 24.594

■ 52, 5.365, 23.043

■ 41, 23.736, 25.722

■ 56, 0.088, 17.910

37, 30.645, 27.193

60, 4.800, 202.343

34, 37.807, 29.092

64, 9.333, 202.018

32, 45.046, 31.476

68, 13.549,
201.790

30, 52.092, 34.302

72, 17.486,
201.620

28, 58.448, 37.245

27, 63.088, 39.412

76, 21.177,
201.494

80, 24.652,
201.401

84, 27.938,
201.333

Harmonies

Complementary

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



48, 11.062, 23.721



54, 9.714, 201.898

Rectangle

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



48, 11.062, 23.721



48, 11.062, 73.721



48, 11.062, 203.721



48, 11.062, 253.721

Sweetspot

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



48, 11.061, 23.729



68, 3.850, 22.776



49, 18.652, 326.415



35, 2.548, 22.813



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



48, 11.061, 23.729



59, 16.541, 24.079



52, 9.922, 76.460



26, 2.941, 22.976



26, 61.603, 39.225



0, 0.681, 22.615

Inverse Universe

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



54, 9.714, 201.898



68, 14.083, 201.757



50, 9.528, 261.777



27, 2.780, 202.338



47, 28.946, 202.241



1, 0.681, 202.633

Previews

White Background



This preview shows how the CIELCh color 48, 11.062, 23.721 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, 11.062, 23.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

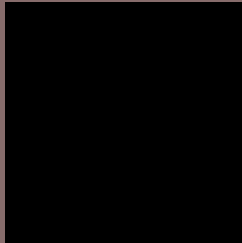
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 11.062, 23.721

Background



This preview shows how black text looks on a background with the CIELCh color 48, 11.062, 23.721.

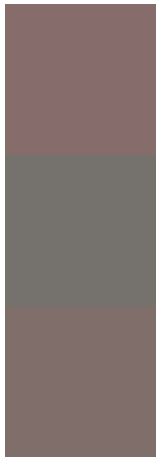


This preview shows how white text looks on a background with the CIELCh color 48, 11.062, 23.721.

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, 11.062, 23.721

Protanopia

48, 2.642, 81.944

Deuteranopia

48, 7.987, 37.231



Tritanopia
48, 12.490, 358.992

Trichromacy



Original Color
48, 11.062, 23.721

Protanomaly
48, 4.909, 40.799

Deuteranomaly
48, 9.096, 31.502

Tritanomaly
48, 12.051, 6.891

Monochromacy



Original Color
48, 11.062, 23.721

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 4.125, 19.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 11.062, 23.721 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(134, 108, 107)` looks like.

```
.text, #text, p{  
    color:rgb(134, 108, 107)  
}
```

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(134, 108, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 108, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 11.062, 23.721 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(134, 108, 107) }
```

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

```
.border{ border-color:rgb(134, 108, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 108, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 108, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 108, 107);  
box-shadow:4px 4px 4px 4px rgb(134, 108,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 11.062, 23.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 108, 107) }
```

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

```
.background{ background-color: rgb(134,  
108, 107) }
```

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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