

Converting Colors

CIELCh(48, 11.228, 76.027)

Have a look what the booklet for
CIELCh(48, 11.228, 76.027) contains.

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Color

CIELCh(48, 11.228, 76.027)

Conversions

Conversions Part 1

Format	Color
Hex	7E7060
RGB	126, 112, 96
RGB Percent	49%, 44%, 38%
CMY	0.5068, 0.5617, 0.6244
CMYK	0.00, 0.11, 0.24, 0.51
HSL	32°, 14%, 43%
HSV	32°, 24%, 49%
XYZ	16.4379, 16.7945, 13.3867
YIQ	114.3620, 13.4800, -2.0080

Conversions

Conversions Part 2

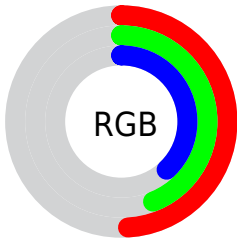
Format	Color
R_{YB}	122, 126, 96
Decimal	8286304
CIE _{Lab}	48.00, 2.71, 10.90
CIE _{LCh}	48, 11.228, 76.027
Yxy	16.7945, 0.3526, 0.3602
Android (android.graphics.Color)	4286476384 (0xFF7E7060)
YUV	114.3620, -9.0525, 10.2065
Hunter-Lab	40.9810, -0.1187, 9.3194

Details

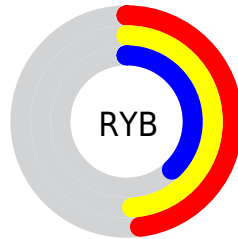
The CIELCh color **48, 11.228, 76.027** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **46, 10.696, 262.379**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 11.096, 76.476**, and **28, 11.128, 73.389** is the 20% darker color. If you saturate the color by 10%, you get **46, 16.259, 74.786**, and if you desaturate by 10%, it is **50, 6.390, 77.254**.

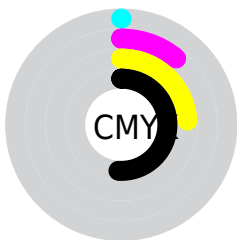
Distribution



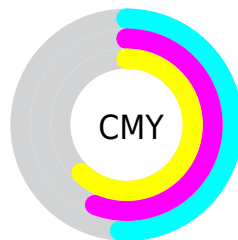
- Red (49%)
- Green (44%)
- Blue (38%)



- Red (48%)
- Yellow (49%)
- Blue (38%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (51%)





















- Cyan (51%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 11.228, 76.027 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, 11.228, 76.027 by changing the saturation by 10% instead.

 48, 11.228, 76.027	 48, 11.228, 76.027
 100, 11.228, 76.027	 38, 11.228, 76.027
 68, 11.228, 76.027	 28, 11.228, 76.027
 78, 11.228, 76.027	 18, 11.228, 76.027
 88, 11.228, 76.027	 8, 11.228, 76.027
 98, 11.228, 76.027	 0, 11.228, 76.027

 48, 11.228, 76.027	 48, 11.228, 76.027
 46, 16.259, 74.786	 50, 6.390, 77.254
 44, 21.477, 73.514	 52, 1.737, 78.360

42, 26.855, 72.215

54, 2.745, 259.764

41, 32.320, 70.873

56, 7.071, 260.848

39, 37.715, 69.437

58, 11.256,
261.933

37, 42.739, 67.798

60, 15.316,
262.982

36, 46.929, 65.776

35, 49.624, 64.725

62, 19.263,
263.989

64, 23.110,
264.952

66, 26.868,
265.870

Harmonies

Complementary

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



48, 11.228, 76.027



46, 10.696, 262.379

Rectangle

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



48, 11.228, 76.027



48, 11.228, 126.027



48, 11.228, 256.027



48, 11.228, 306.027

Sweetspot

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



48, 11.228, 76.036



65, 3.945, 78.028



44, 14.940, 347.591



34, 2.552, 77.981



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, 11.228, 76.036



60, 17.099, 75.309



52, 17.236, 109.399



26, 2.606, 77.809



35, 50.127, 64.670



0, 0.000, 0.000

Inverse Universe

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



46, 10.696, 262.379



57, 16.071, 263.425



42, 18.183, 293.978



25, 2.566, 260.164



26, 44.695, 285.703



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 48, 11.228, 76.027 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, 11.228, 76.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

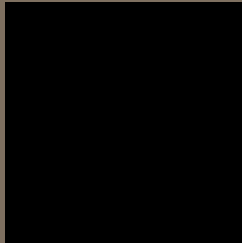
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

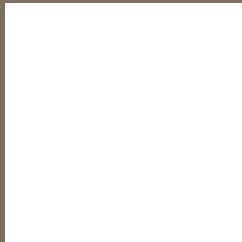
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 11.228, 76.027

Background



This preview shows how black text looks on a background with the CIELCh color 48, 11.228, 76.027.

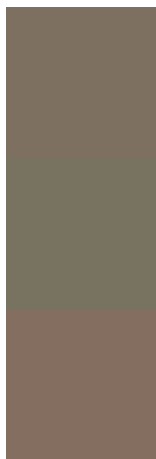


This preview shows how white text looks on a background with the CIELCh color 48, 11.228, 76.027.

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, 11.228, 76.027

Protanopia

48, 10.291, 94.280

Deuteranopia

48, 12.412, 61.287



Tritanopia
48, 9.093, 349.414

Trichromacy



Original Color
48, 11.228, 76.027

Protanomaly
48, 10.167, 86.418

Deuteranomaly
48, 11.865, 67.482

Tritanomaly
48, 7.148, 24.887

Monochromacy



Original Color
48, 11.228, 76.027

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 4.084, 79.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 11.228, 76.027 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(126, 112, 96)` looks like.

```
.text, #text, p{  
    color:rgb(126, 112, 96)  
}
```

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(126, 112, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 112, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 11.228, 76.027 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(126, 112, 96) }
```

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

```
.border{ border-color:rgb(126, 112, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 112, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 112, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 112, 96);  
box-shadow:4px 4px 4px 4px rgb(126, 112,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 11.228, 76.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 112, 96) }
```

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

```
.background{ background-color: rgb(126,  
112, 96) }
```

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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