

Converting Colors

CIELCh(49, 6.902, 77.104)

Have a look what the booklet for
CIELCh(49, 6.902, 77.104) contains.

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Color

CIELCh(49, 6.977, 76.347)

Conversions

Conversions Part 1

Format	Color
Hex	7C7369
RGB	124, 115, 105
RGB Percent	49%, 45%, 41%
CMY	0.5134, 0.5487, 0.5879
CMYK	0.00, 0.07, 0.15, 0.51
HSL	32°, 8%, 45%
HSV	32°, 15%, 49%
XYZ	17.0193, 17.5941, 15.8862
YIQ	116.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

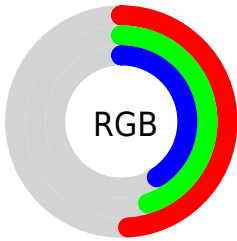
Format	Color
RYB	122, 124, 105
Decimal	8156009
CIELab	49.00, 1.65, 6.78
CIELCh	49, 6.977, 76.347
Yxy	17.5941, 0.3370, 0.3484
Android (android.graphics.Color)	4286346089 (0xFF7C7369)
YUV	116.5510, -5.6946, 6.5328
Hunter-Lab	41.9453, -0.9780, 6.9064

Details

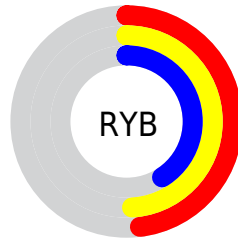
The CIELCh color $49, 6.977, 76.347$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 6.765, 260.289$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 7.168, 76.454$, and $29, 6.912, 75.947$ is the 20% darker color. If you saturate the color by 10%, you get $47, 11.773, 75.146$, and if you desaturate by 10%, it is $51, 2.370, 77.497$.

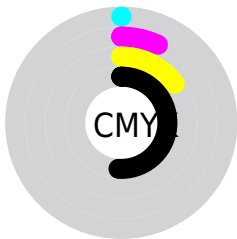
Distribution



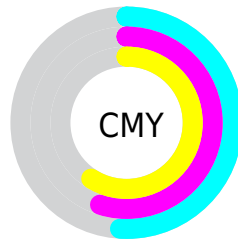
- Red (49%)
- Green (45%)
- Blue (41%)



- Red (48%)
- Yellow (49%)
- Blue (41%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (51%)





- Cyan (51%)
- Magenta (55%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 6.977, 76.347 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 49, 6.977, 76.347 by changing the saturation by 10% instead.

 49, 6.977, 76.347  49, 6.977, 76.347

 100, 6.977, 76.347  39, 6.977, 76.347

 69, 6.977, 76.347  29, 6.977, 76.347

 79, 6.977, 76.347  19, 6.977, 76.347

 89, 6.977, 76.347  9, 6.977, 76.347

 99, 6.977, 76.347  0, 6.977, 76.347

 49, 6.977, 76.347  49, 6.977, 76.347

 47, 11.773, 75.146  51, 2.370, 77.497

 45, 16.764, 73.903  53, 2.061, 258.894

 43, 21.945, 72.640  55, 6.334, 259.953

41, 27.286, 71.352

57, 10.462,
261.038

40, 32.706, 70.018

59, 14.462,
262.091

38, 38.040, 68.582

36, 42.966, 66.922

61, 18.347,
263.102

35, 47.108, 64.911

63, 22.131,
264.070

34, 49.242, 64.182

65, 25.823,
264.994

67, 29.434,
265.874

Harmonies

Complementary

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



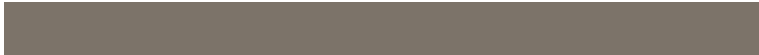
49, 6.977, 76.347



48, 6.765, 260.289

Rectangle

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



49, 6.977, 76.347



49, 6.977, 126.347



49, 6.977, 256.347



49, 6.977, 306.347

Sweetspot

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



49, 6.977, 76.361



65, 2.754, 77.516



46, 9.511, 345.807



34, 1.896, 77.458



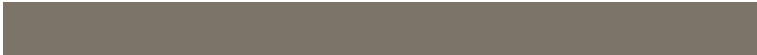
84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



49, 6.977, 76.361



62, 10.196, 75.987



52, 10.980, 109.457



25, 2.505, 77.093



34, 49.493, 64.153



68, 84.024, 62.036

Inverse Universe

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



48, 6.765, 260.289



60, 9.814, 260.758



45, 11.354, 292.370



24, 2.465, 259.426



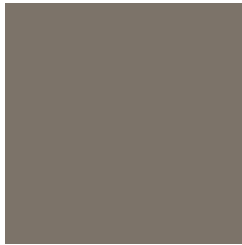
26, 43.370, 284.965



52, 77.040, 287.455

Previews

White Background



This preview shows how the CIELCh color 49, 6.977, 76.347 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 49, 6.977, 76.347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

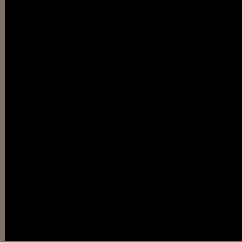
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 6.977, 76.347

Background



This preview shows how black text looks on a background with the CIELCh color 49, 6.977, 76.347.



This preview shows how white text looks on a background with the CIELCh color 49, 6.977, 76.347.

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

49, 6.977, 76.347

Protanopia

49, 6.205, 89.625

Deuteranopia

49, 9.229, 42.502



Tritanopia
49, 7.461, 335.247

Trichromacy



Original Color
49, 6.977, 76.347

Protanomaly
49, 6.359, 86.033

Deuteranomaly
49, 7.942, 50.939

Tritanomaly
49, 4.657, 5.344

Monochromacy



Original Color
49, 6.977, 76.347

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 2.390, 66.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 6.977, 76.347 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, 115, 105)` looks like.

```
.text, #text, p{  
    color:rgb(124, 115, 105)  
}
```

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, 115, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 115, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 6.977, 76.347 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, 115, 105) }
```

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

```
.border{ border-color:rgb(124, 115, 105) }
```

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

Here you see how a box with a 4 pixel rgb(124, 115, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 115, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 115, 105);  
box-shadow:4px 4px 4px 4px rgb(124, 115,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 6.977, 76.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 115, 105) }
```

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

```
.background{ background-color: rgb(124,  
115, 105) }
```

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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