

Converting Colors

CIELCh(48, 6.904, 27.376)

Have a look what the booklet for
CIELCh(48, 6.904, 27.376) contains.

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Color

CIELCh(48, 7.148, 24.887)

Conversions

Conversions Part 1

Format	Color
Hex	7F6E6D
RGB	127, 110, 109
RGB Percent	50%, 43%, 43%
CMY	0.5016, 0.5683, 0.5722
CMYK	0.00, 0.13, 0.14, 0.50
HSL	3°, 8%, 46%
HSV	3°, 14%, 50%
XYZ	17.1149, 16.7945, 16.8312
YIQ	114.9690, 10.4530, 3.2930

Conversions

Conversions Part 2

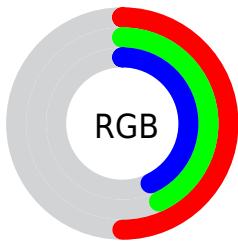
Format	Color
R_{YB}	127, 110, 109
Decimal	8351341
CIE Lab	48.00, 6.48, 3.01
CIE LCh	48, 7.148, 24.887
Yxy	16.7945, 0.3373, 0.3310
Android (android.graphics.Color)	4286541421 (0xFF7F6E6D)
YUV	114.9690, -2.9427, 10.5512
Hunter-Lab	40.9810, 2.8301, 4.3359

Details

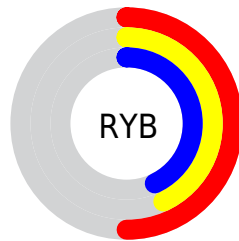
The CIELCh color $48, 7.148, 24.887$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 6.538, 203.916$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 7.087, 28.834$, and $28, 7.443, 20.695$ is the 20% darker color. If you saturate the color by 10%, you get $44, 12.678, 25.563$, and if you desaturate by 10%, it is $52, 2.021, 24.281$.

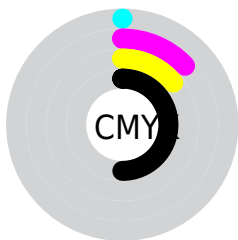
Distribution



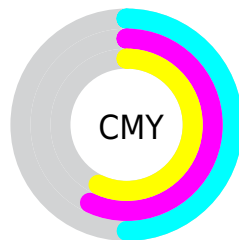
- Red (50%)
- Green (43%)
- Blue (43%)



- Red (50%)
- Yellow (43%)
- Blue (43%)



- Cyan (0%)
- Magenta (13%)
- Yellow (14%)
- Black (50%)



- Cyan (50%)
- Magenta (57%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 7.148, 24.887 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, 7.148, 24.887 by changing the saturation by 10% instead.

 48, 7.148, 24.887  48, 7.148, 24.887

 100, 7.148, 24.887  38, 7.148, 24.887

 68, 7.148, 24.887  28, 7.148, 24.887


 78, 7.148, 24.887  18, 7.148, 24.887

 88, 7.148, 24.887  8, 7.148, 24.887

 98, 7.148, 24.887  0, 7.148, 24.887

 48, 7.148, 24.887  48, 7.148, 24.887

 44, 12.678, 25.563  52, 2.021, 24.281

 41, 18.621, 26.427  55, 2.724, 204.273

 38, 24.958, 27.565  59, 7.123, 203.926

■ 35, 31.627, 29.053

■ 63, 11.210,
203.721

■ 32, 38.516, 30.959

■ 67, 15.020,
203.582

■ 29, 45.440, 33.311

■ 28, 52.093, 35.996

■ 71, 18.587,
203.489

■ 26, 57.611, 38.260

■ 74, 21.940,
203.429

■ 26, 60.165, 39.432

■ 78, 25.105,
203.396

■ 82, 28.105,
203.382

Harmonies

Complementary

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



48, 7.148, 24.887



52, 6.538, 203.916

Rectangle

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



48, 7.148, 24.887



48, 7.148, 74.887



48, 7.148, 204.887



48, 7.148, 254.887

Sweetspot

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



48, 7.147, 24.899



66, 2.411, 24.275



48, 12.392, 326.555



34, 1.732, 24.331



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



48, 7.147, 24.899



60, 10.794, 25.097



50, 6.680, 78.881



25, 2.795, 24.607



26, 60.331, 39.454



0, 0.000, 0.000

Inverse Universe

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



52, 6.538, 203.916



66, 9.661, 203.817



49, 6.526, 262.544



26, 2.643, 204.100



46, 27.918, 205.398



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 48, 7.148, 24.887 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, 7.148, 24.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

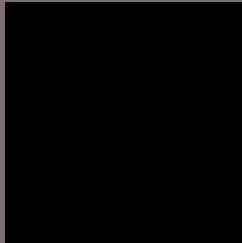
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 7.148, 24.887

Background



This preview shows how black text looks on a background with the CIELCh color 48, 7.148, 24.887.

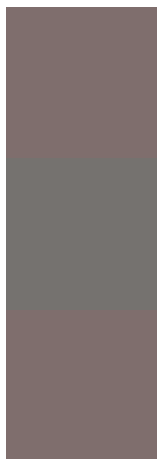


This preview shows how white text looks on a background with the CIELCh color 48, 7.148, 24.887.

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, 7.148, 24.887

Protanopia

48, 2.137, 74.714

Deuteranopia

48, 7.148, 24.887



Tritanopia
48, 9.093, 349.414

Trichromacy



Original Color
48, 7.148, 24.887

Protanomaly
48, 3.746, 47.636

Deuteranomaly
48, 7.148, 24.887

Tritanomaly
48, 8.378, 359.931

Monochromacy



Original Color
48, 7.148, 24.887

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 2.457, 19.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 7.148, 24.887 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(127, 110, 109)` looks like.

```
.text, #text, p{  
    color:rgb(127, 110, 109)  
}
```

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(127, 110, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 110, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 7.148, 24.887 is called "border". The border property can be set on classes, ids or directly on the HTML element.

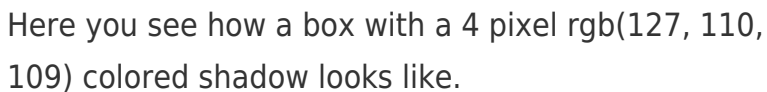
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 110, 109) }
```

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

```
.border{ border-color:rgb(127, 110, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 110, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 110, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 110, 109);  
box-shadow:4px 4px 4px 4px rgb(127, 110,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 7.148, 24.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 110, 109) }
```

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

```
.background{ background-color: rgb(127,  
110, 109) }
```

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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