

Converting Colors

CIELCh(49, 5.648, 56.015)

Have a look what the booklet for
CIELCh(49, 5.648, 56.015) contains.

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Color

CIELCh(49, 5.448, 52.191)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7D726D |
| RGB | 125, 114, 109 |
| RGB Percent | 49%, 45%, 43% |
| CMY | 0.5086, 0.5518, 0.5714 |
| CMYK | 0.00, 0.09, 0.13, 0.51 |
| HSL | 19°, 7%, 46% |
| HSV | 19°, 13%, 49% |
| XYZ | 17.3278, 17.5941, 17.0333 |
| YIQ | 116.7190, 8.1610, 0.7770 |

Conversions

Conversions Part 2

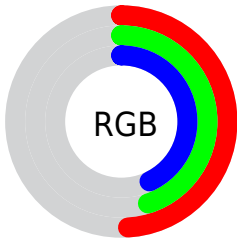
| Format | Color |
|-------------------------------------|--|
| RYB | 125, 116, 109 |
| Decimal | 8221293 |
| CIELab | 49.00, 3.34, 4.30 |
| CIElCh | 49, 5.448, 52.191 |
| Yxy | 17.5941, 0.3335, 0.3386 |
| Android (android.graphics.Color) | 4286411373 (0xFF7D726D) |
| YUV | 116.7190, -3.8055, 7.2624 |
| Hunter-Lab | 41.9453, 0.3350, 5.2849 |

Details

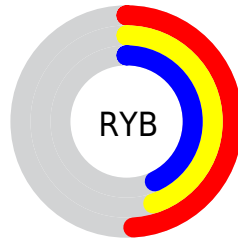
The CIELCh color $49, 5.448, 52.191$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 5.103, 234.214$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 5.690, 54.835$, and $29, 5.313, 48.804$ is the 20% darker color. If you saturate the color by 10%, you get $46, 10.068, 51.624$, and if you desaturate by 10%, it is $52, 1.141, 52.628$.

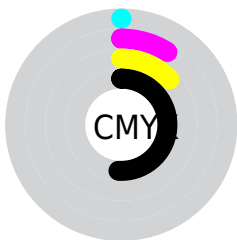
Distribution



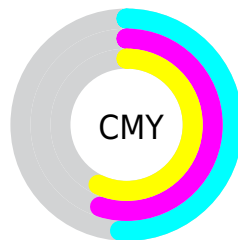
- Red (49%)
- Green (45%)
- Blue (43%)



- Red (49%)
- Yellow (45%)
- Blue (43%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (51%)




- Cyan (51%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 5.448, 52.191 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, 5.448, 52.191 by changing the saturation by 10% instead.

 49, 5.448, 52.191  49, 5.448, 52.191


 100, 5.448, 52.191  39, 5.448, 52.191

 69, 5.448, 52.191  29, 5.448, 52.191

 79, 5.448, 52.191  19, 5.448, 52.191


 89, 5.448, 52.191  9, 5.448, 52.191

 99, 5.448, 52.191  0, 5.448, 52.191

 49, 5.448, 52.191  49, 5.448, 52.191

 46, 10.068, 51.624  52, 1.141, 52.628

 44, 15.030, 51.087  55, 2.884, 233.758

 41, 20.354, 50.631  57, 6.657, 234.406

39, 26.042, 50.271

60, 10.206,
235.114

36, 32.065, 50.010

63, 13.559,
235.831

34, 38.326, 49.818

32, 44.598, 49.586

66, 16.740,
236.545

30, 50.392, 49.055

69, 19.768,
237.249

29, 54.320, 48.773

72, 22.664,
237.939

74, 25.442,
238.610

Harmonies

Complementary

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



49, 5.448, 52.191



50, 5.103, 234.214

Rectangle

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



49, 5.448, 52.191



49, 5.448, 102.191



49, 5.448, 232.191



49, 5.448, 282.191

Sweetspot

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



49, 5.448, 52.209



66, 2.052, 52.639



48, 9.262, 335.102



34, 1.455, 52.624



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

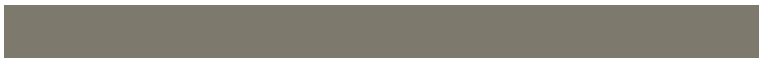
The Same Dimension uses a secret algorithm to generate beautiful new colors.



49, 5.448, 52.209



62, 8.014, 52.056



51, 7.535, 98.997



25, 2.406, 52.420



30, 55.120, 48.782



0, 0.000, 0.000

Inverse Universe

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



50, 5.103, 234.214



63, 7.399, 234.448



48, 7.641, 281.913



26, 2.300, 233.918



35, 29.434, 256.681



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 5.448, 52.191 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 49, 5.448, 52.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

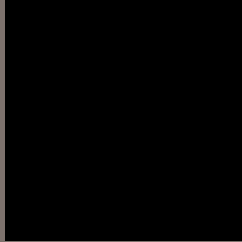
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 5.448, 52.191

Background



This preview shows how black text looks on a background with the CIELCh color 49, 5.448, 52.191.

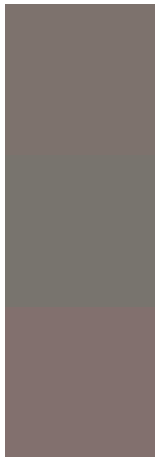


This preview shows how white text looks on a background with the CIELCh color 49, 5.448, 52.191.

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, 5.448, 52.191

Protanopia

49, 3.869, 84.366

Deuteranopia

49, 7.641, 28.995



Tritanopia
49, 8.062, 339.462

Trichromacy



Original Color
49, 5.448, 52.191

Protanomaly
49, 4.114, 64.829

Deuteranomaly
49, 6.518, 35.611

Tritanomaly
49, 5.815, 356.314

Monochromacy



Original Color
49, 5.448, 52.191

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 2.000, 55.153

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 49, 5.448, 52.191 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(125, 114, 109)` looks like.

```
.text, #text, p{  
    color:rgb(125, 114, 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(125, 114, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 114, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 5.448, 52.191 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(125, 114, 109) }
```

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

```
.border{ border-color:rgb(125, 114, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 114, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 114, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 114, 109);  
box-shadow:4px 4px 4px 4px rgb(125, 114,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 5.448, 52.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 114, 109) }
```

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

```
.background{ background-color: rgb(125,  
114, 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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