

Converting Colors

CIELCh(49, 5.848, 39.540)

Have a look what the booklet for
CIELCh(49, 5.848, 39.540) contains.

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Color

CIELCh(49, 5.915, 43.141)

Conversions

Conversions Part 1

Format	Color
Hex	7F726E
RGB	127, 114, 110
RGB Percent	50%, 45%, 43%
CMY	0.5029, 0.5539, 0.5696
CMYK	0.00, 0.10, 0.13, 0.50
HSL	14°, 7%, 46%
HSV	14°, 13%, 50%
XYZ	17.5074, 17.5941, 17.1567
YIQ	117.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

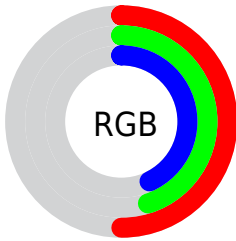
Format	Color
R_{YB}	127, 115, 110
Decimal	8352366
CIE Lab	49.00, 4.32, 4.04
CIE LCh	49, 5.915, 43.141
Yxy	17.5941, 0.3350, 0.3367
Android (android.graphics.Color)	4286542446 (0xFF7F726E)
YUV	117.4310, -3.6635, 8.3920
Hunter-Lab	41.9453, 1.0994, 5.1105

Details

The CIELCh color $49, 5.915, 43.141$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 5.466, 224.352$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 5.841, 41.713$, and $29, 5.896, 39.169$ is the 20% darker color. If you saturate the color by 10%, you get $46, 10.738, 42.951$, and if you desaturate by 10%, it is $52, 1.445, 43.277$.

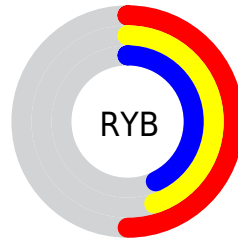
Distribution



Red (50%)

Green (45%)

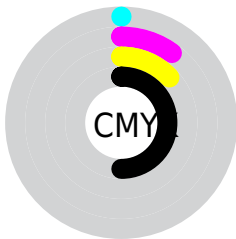
Blue (43%)



Red (50%)

Yellow (45%)

Blue (43%)

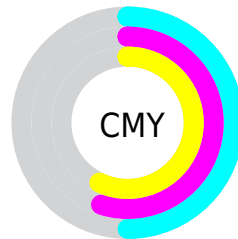


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 5.915, 43.141 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, 5.915, 43.141 by changing the saturation by 10% instead.

 49, 5.915, 43.141  49, 5.915, 43.141

 100, 5.915, 43.141  39, 5.915, 43.141

 69, 5.915, 43.141  29, 5.915, 43.141


 79, 5.915, 43.141  19, 5.915, 43.141

 89, 5.915, 43.141  9, 5.915, 43.141

 99, 5.915, 43.141  0, 5.915, 43.141

 49, 5.915, 43.141  49, 5.915, 43.141

 46, 10.738, 42.951  52, 1.445, 43.277

 43, 15.944, 42.836  55, 2.702, 224.063

 40, 21.552, 42.852  58, 6.562, 224.406

■ 38, 27.558, 43.029

■ 61, 10.168,
224.841

■ 35, 33.924, 43.382

■ 65, 13.548,
225.307

■ 33, 40.543, 43.889

■ 31, 47.163, 44.443

■ 68, 16.730,
225.786

■ 29, 53.223, 44.721

■ 71, 19.739,
226.271

■ 28, 56.759, 44.871

■ 74, 22.595,
226.756

■ 77, 25.317,
227.235

Harmonies

Complementary

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



49, 5.915, 43.141



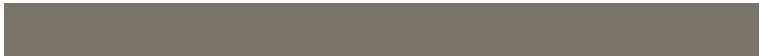
51, 5.466, 224.352

Rectangle

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



49, 5.915, 43.141



49, 5.915, 93.141



49, 5.915, 223.141



49, 5.915, 273.141

Sweetspot

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



49, 5.914, 43.157



66, 2.119, 43.298



48, 10.293, 332.528



35, 1.522, 43.306



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

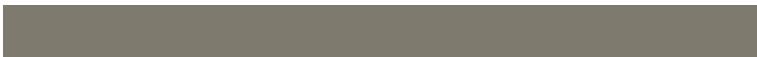
The Same Dimension uses a secret algorithm to generate beautiful new colors.



49, 5.914, 43.157



62, 8.892, 43.090



51, 7.457, 94.536



25, 2.457, 43.254



28, 57.044, 44.886



0, 0.000, 0.000

Inverse Universe

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



51, 5.466, 224.352



64, 8.062, 224.516



48, 7.511, 277.772



26, 2.333, 224.154



38, 26.787, 241.662



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 5.915, 43.141 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, 5.915, 43.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

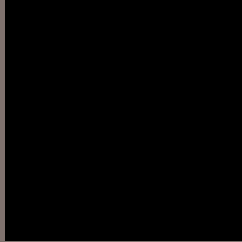
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 5.915, 43.141

Background



This preview shows how black text looks on a background with the CIELCh color 49, 5.915, 43.141.



This preview shows how white text looks on a background with the CIELCh color 49, 5.915, 43.141.

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, 5.915, 43.141

Protanopia

49, 3.346, 80.223

Deuteranopia

49, 7.641, 28.995



Tritanopia
49, 8.372, 341.352

Trichromacy



Original Color

49, 5.915, 43.141

Protanomaly

49, 3.714, 58.588

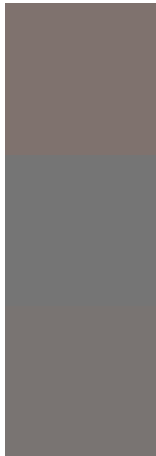
Deuteranomaly

49, 6.931, 34.705

Tritanomaly

49, 6.581, 359.347

Monochromacy



Original Color

49, 5.915, 43.141

Achromatopsia

49, 0.007, 296.813

Achromatomaly

49, 2.347, 49.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 5.915, 43.141 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, 114, 110)` looks like.

```
.text, #text, p{  
    color:rgb(127, 114, 110)  
}
```

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, 114, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 114, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 5.915, 43.141 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, 114, 110) }
```

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

```
.border{ border-color:rgb(127, 114, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 114, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 114, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 114, 110);  
box-shadow:4px 4px 4px 4px rgb(127, 114,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 5.915, 43.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 114, 110) }
```

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

```
.background{ background-color: rgb(127,  
114, 110) }
```

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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