

Converting Colors

CIELCh(49, 6.547, 156.501)

Have a look what the booklet for
CIELCh(49, 6.547, 156.501) contains.

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Color

CIELCh(49, 6.382, 158.710)

Conversions

Conversions Part 1

Format	Color
Hex	6B7770
RGB	107, 119, 112
RGB Percent	42%, 47%, 44%
CMY	0.5791, 0.5320, 0.5595
CMYK	0.10, 0.00, 0.06, 0.53
HSL	145°, 5%, 44%
HSV	145°, 10%, 47%
XYZ	15.6803, 17.5941, 17.9930
YIQ	114.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

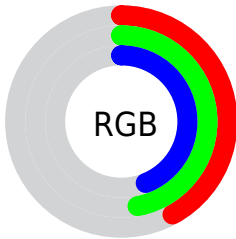
Format	Color
RYB	107, 115, 119
Decimal	7042928
CIELab	49.00, -5.95, 2.32
CIELCh	49, 6.382, 158.710
Yxy	17.5941, 0.3059, 0.3432
Android (android.graphics.Color)	4285233008 (0xFF6B7770)
YUV	114.6140, -1.2887, -6.6775
Hunter-Lab	41.9453, -6.6761, 3.9284

Details

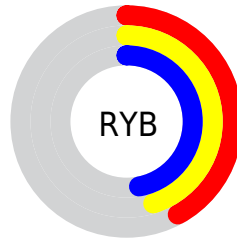
The CIELCh color $49, 6.382, 158.710$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 6.440, 340.113$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $69, 6.258, 161.091$, and $29, 6.664, 155.951$ is the 20% darker color. If you saturate the color by 10%, you get $48, 12.742, 157.857$, and if you desaturate by 10%, it is $50, 0.035, 166.865$.

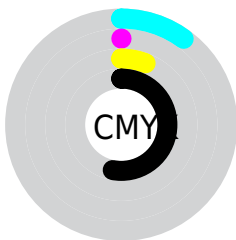
Distribution



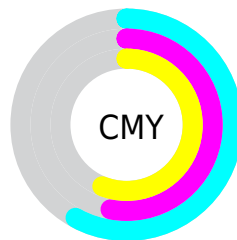
- Red (42%)
- Green (47%)
- Blue (44%)



- Red (42%)
- Yellow (45%)
- Blue (47%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 6.382, 158.710 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, 6.382, 158.710 by changing the saturation by 10% instead.

■ 49, 6.382, 158.710

■ 49, 6.382, 158.710

■ 100, 6.382,
158.710

■ 39, 6.382, 158.710

■ 69, 6.382, 158.710

■ 29, 6.382, 158.710

■ 79, 6.382, 158.710

■ 19, 6.382, 158.710

■ 89, 6.382, 158.710

■ 9, 6.382, 158.710

■ 99, 6.382, 158.710

■ 0, 6.382, 158.710

■ 49, 6.382, 158.710

■ 49, 6.382, 158.710

■ 48, 12.742,
157.857

■ 50, 0.035, 166.865

■ 47, 19.040,

■ 51, 6.248, 340.038

156.918

53, 12.422,
340.667

46, 25.189,
155.861

54, 18.457,
341.231

45, 31.093,
154.663

56, 24.334,
341.746

45, 36.650,
153.304

57, 30.043,
342.223

44, 41.763,
151.767

59, 35.578,
342.665

44, 46.354,
150.041

61, 40.940,
343.079

44, 50.378,
148.132

62, 46.132,
343.467

44, 53.977,
146.252

Harmonies

Complementary

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



49, 6.382, 158.710



47, 6.440, 340.113

Rectangle

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



49, 6.382, 158.710



49, 6.382, 208.710



49, 6.382, 338.710



49, 6.382, 28.710

Sweetspot

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



49, 6.383, 158.707



64, 2.354, 159.327



49, 7.297, 125.039



33, 1.800, 159.249



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



49, 6.383, 158.707



62, 9.464, 158.522



49, 4.798, 190.486



24, 3.519, 158.793



45, 55.046, 146.187



87, 96.013, 144.880

Inverse Universe

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



47, 6.440, 340.113



59, 9.562, 340.293



46, 5.041, 11.881



23, 3.549, 340.029



26, 50.716, 353.078



54, 85.204, 355.028

Previews

White Background



This preview shows how the CIELCh color 49, 6.382, 158.710 looks on a white background.

Color Contrast Check

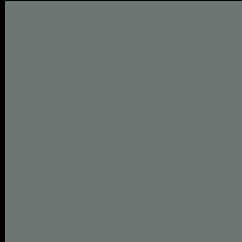
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.382, 158.710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

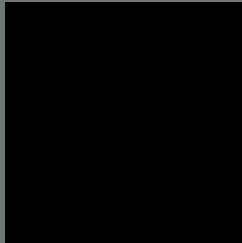
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

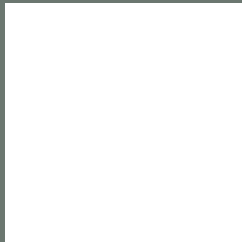
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 6.382, 158.710

Background



This preview shows how black text looks on a background with the CIELCh color 49, 6.382, 158.710.



This preview shows how white text looks on a background with the CIELCh color 49, 6.382, 158.710.

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, 6.382, 158.710

Protanopia

49, 3.869, 84.366

Deuteranopia

49, 6.715, 10.143



Tritanopia
49, 6.403, 266.130

Trichromacy



Original Color
49, 6.382, 158.710

Protanomaly
49, 3.612, 122.799

Deuteranomaly
49, 2.351, 49.310

Tritanomaly
49, 4.182, 233.400

Monochromacy



Original Color
49, 6.382, 158.710

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 2.692, 158.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 6.382, 158.710 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(107, 119, 112)` looks like.

```
.text, #text, p{  
    color:rgb(107, 119, 112)  
}
```

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(107, 119, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 119, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 6.382, 158.710 is called "border". The border property can be set on classes, ids or directly on the HTML element.

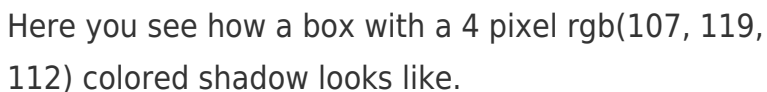
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 119, 112) }
```

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

```
.border{ border-color:rgb(107, 119, 112) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 119, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 119, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 119, 112); box-shadow:4px 4px 4px 4px rgb(107, 119, 112) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 6.382, 158.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 119, 112) }
```

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

```
.background{ background-color: rgb(107,  
119, 112) }
```

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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