

Converting Colors

CIELCh(49, 5.622, 355.605)

Have a look what the booklet for
CIELCh(49, 5.622, 355.605) contains.

CIELCh(49, 5.815, 356.314)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(49, 5.815, 356.314)

Conversions

Conversions Part 1

Format	Color
Hex	7E7175
RGB	126, 113, 117
RGB Percent	49%, 44%, 46%
CMY	0.5051, 0.5561, 0.5404
CMYK	0.00, 0.10, 0.07, 0.51
HSL	342°, 5%, 47%
HSV	342°, 10%, 49%
XYZ	17.7834, 17.5941, 19.3493
YIQ	117.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

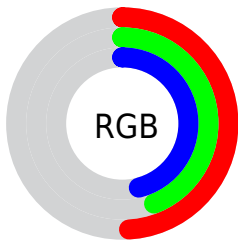
Format	Color
R _Y B	126, 113, 117
Decimal	8286581
CIE Lab	49.00, 5.80, -0.37
CIE LCh	49, 5.815, 356.314
Yxy	17.5941, 0.3249, 0.3215
Android (android.graphics.Color)	4286476661 (0xFF7E7175)
YUV	117.3430, -0.1691, 7.5922
Hunter-Lab	41.9453, 2.2737, 2.0113

Details

The CIELCh color $49, 5.815, 356.314$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 5.654, 174.587$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 5.783, 357.610$, and $29, 5.975, 355.017$ is the 20% darker color. If you saturate the color by 10%, you get $45, 11.667, 357.395$, and if you desaturate by 10%, it is $53, 0.171, 353.481$.

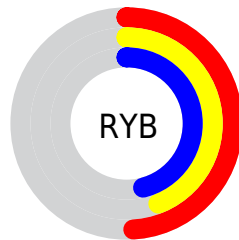
Distribution



Red (49%)

Green (44%)

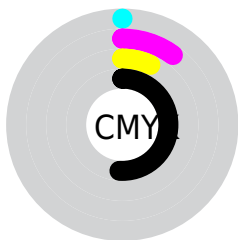
Blue (46%)



Red (49%)

Yellow (44%)

Blue (46%)

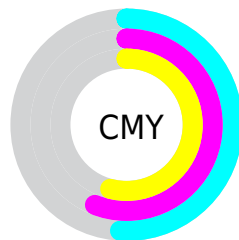


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (51%)



Cyan (51%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 5.815, 356.314 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, 5.815, 356.314 by changing the saturation by 10% instead.

■ 49, 5.815, 356.314

■ 49, 5.815, 356.314

■ 100, 5.815,
356.314

■ 39, 5.815, 356.314

■ 69, 5.815, 356.314

■ 29, 5.815, 356.314

■ 79, 5.815, 356.314

■ 19, 5.815, 356.314

■ 89, 5.815, 356.314

■ 9, 5.815, 356.314

■ 99, 5.815, 356.314

■ 0, 5.815, 356.314

■ 49, 5.815, 356.314

■ 49, 5.815, 356.314

■ 45, 11.667,
357.395

■ 53, 0.171, 353.481

■ 42, 17.680,

■ 57, 5.239, 174.722



Harmonies

Complementary

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



49, 5.815, 356.314



52, 5.654, 174.587

Rectangle

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



49, 5.815, 356.314



49, 5.815, 46.314



49, 5.815, 176.314



49, 5.815, 226.314

Sweetspot

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



49, 5.814, 356.322



66, 2.062, 355.510



49, 8.453, 315.600



34, 1.557, 355.613



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, 5.814, 356.322



62, 8.388, 356.526



50, 4.600, 37.372



25, 3.200, 356.199



26, 51.791, 18.465



0, 0.000, 0.000

Inverse Universe

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



49, 5.814, 356.322



62, 8.388, 356.526



51, 4.321, 217.857



25, 3.200, 356.199



26, 51.791, 18.465



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 5.815, 356.314 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, 5.815, 356.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

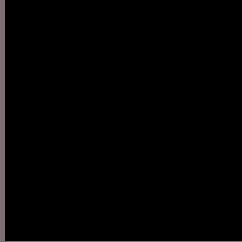
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 5.815, 356.314

Background



This preview shows how black text looks on a background with the CIELCh color 49, 5.815, 356.314.



This preview shows how white text looks on a background with the CIELCh color 49, 5.815, 356.314.

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, 5.815, 356.314

Protanopia

49, 1.950, 314.708

Deuteranopia

49, 6.195, 357.919



Tritanopia
49, 7.371, 340.785

Trichromacy



Original Color
49, 5.815, 356.314

Protanomaly
49, 3.015, 343.945

Deuteranomaly
49, 6.195, 357.919

Tritanomaly
49, 7.022, 344.499

Monochromacy



Original Color
49, 5.815, 356.314

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 2.350, 349.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 5.815, 356.314 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(126, 113, 117)` looks like.

```
.text, #text, p{  
    color:rgb(126, 113, 117)  
}
```

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(126, 113, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 113, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 5.815, 356.314 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(126, 113, 117) }
```

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

```
.border{ border-color:rgb(126, 113, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 113, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 113, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 113, 117);  
box-shadow:4px 4px 4px 4px rgb(126, 113,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 5.815, 356.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 113, 117) }
```

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

```
.background{ background-color: rgb(126,  
113, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor