

Converting Colors

CIELCh(49, 5.294, 11.515)

Have a look what the booklet for
CIELCh(49, 5.294, 11.515) contains.

CIELCh(49, 5.473, 7.662)	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, 5.473, 7.662)

Conversions

Conversions Part 1

Format	Color
Hex	7E7173
RGB	126, 113, 115
RGB Percent	49%, 44%, 45%
CMY	0.5045, 0.5555, 0.5477
CMYK	0.00, 0.10, 0.09, 0.50
HSL	351°, 5%, 47%
HSV	351°, 10%, 50%
XYZ	17.7128, 17.5941, 18.7852
YIQ	117.1150, 7.1060, 3.3780

Conversions

Conversions Part 2

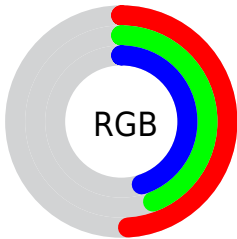
Format	Color
R_{YB}	126, 113, 115
Decimal	8286579
CIE Lab	49.00, 5.42, 0.73
CIE LCh	49, 5.473, 7.662
Yxy	17.5941, 0.3275, 0.3253
Android (android.graphics.Color)	4286476659 (0xFF7E7173)
YUV	117.1150, -1.0427, 7.7921
Hunter-Lab	41.9453, 1.9734, 2.8087

Details

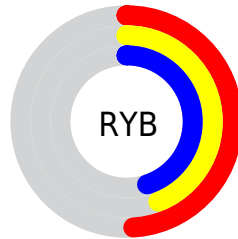
The CIELCh color $49, 5.473, 7.662$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 5.234, 186.081$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 5.476, 8.295$, and $29, 5.592, 7.114$ is the 20% darker color. If you saturate the color by 10%, you get $45, 11.089, 8.734$, and if you desaturate by 10%, it is $53, 0.153, 4.440$.

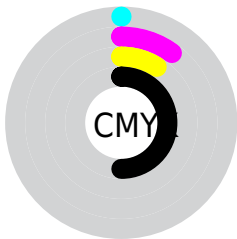
Distribution



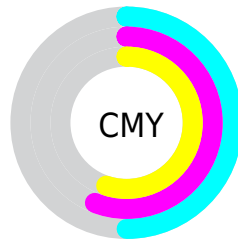
- Red (49%)
- Green (44%)
- Blue (45%)



- Red (49%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (50%)



- Cyan (50%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 5.473, 7.662 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, 5.473, 7.662 by changing the saturation by 10% instead.

 49, 5.473, 7.662	 49, 5.473, 7.662
 100, 5.473, 7.662	 39, 5.473, 7.662
 69, 5.473, 7.662	 29, 5.473, 7.662
 79, 5.473, 7.662	 19, 5.473, 7.662
 89, 5.473, 7.662	 9, 5.473, 7.662
 99, 5.473, 7.662	 0, 5.473, 7.662
 49, 5.473, 7.662	 49, 5.473, 7.662
 45, 11.089, 8.734	 53, 0.153, 4.440
 42, 16.981, 9.977	 57, 4.865, 186.204
 38, 23.086, 11.487	 61, 9.596, 185.517

■ 35, 29.292, 13.355

■ 65, 14.060,
184.933

■ 32, 35.436, 15.695

■ 68, 18.282,
184.418

■ 30, 41.313, 18.635

■ 28, 46.723, 22.284

■ 72, 22.285,
183.958

■ 26, 51.538, 26.644

■ 76, 26.092,
183.543

■ 25, 55.946, 30.886

■ 80, 29.725,
183.165

■ 84, 33.202,
182.820

Harmonies

Complementary

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



49, 5.473, 7.662



52, 5.234, 186.081

Rectangle

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



49, 5.473, 7.662



49, 5.473, 57.662



49, 5.473, 187.662



49, 5.473, 237.662

Sweetspot

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



49, 5.472, 7.673



66, 1.928, 6.868



49, 8.803, 320.229



34, 1.457, 6.973



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, 5.472, 7.673



61, 7.909, 7.874



50, 4.375, 54.843



25, 3.009, 7.554



26, 56.341, 30.939



0, 0.000, 0.000

Inverse Universe

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



49, 5.472, 7.673



61, 7.909, 7.874



51, 4.166, 236.661



25, 3.009, 7.554



26, 56.341, 30.939



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 5.473, 7.662 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, 5.473, 7.662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

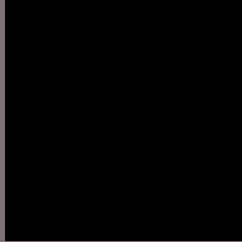
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 5.473, 7.662

Background



This preview shows how black text looks on a background with the CIELCh color 49, 5.473, 7.662.



This preview shows how white text looks on a background with the CIELCh color 49, 5.473, 7.662.

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, 5.473, 7.662

Protanopia

49, 1.008, 343.509

Deuteranopia

49, 6.292, 9.409



Tritanopia
49, 8.062, 339.462

Trichromacy



Original Color

49, 5.473, 7.662

Protanomaly

49, 2.517, 6.101

Deuteranomaly

49, 5.881, 8.592

Tritanomaly

49, 7.367, 346.433

Monochromacy



Original Color

49, 5.473, 7.662

Achromatopsia

49, 0.007, 296.813

Achromatomaly

49, 1.625, 19.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 5.473, 7.662 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(126, 113, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 113, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 5.473, 7.662 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, 115) }
```

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

```
.border{ border-color:rgb(126, 113, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 113, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 113, 115);  
box-shadow:4px 4px 4px 4px rgb(126, 113,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 5.473, 7.662 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, 115) }
```

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

```
.background{ background-color: rgb(126,  
113, 115) }
```

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