

Converting Colors

CIELCh(49, 15.343, 260.365)

Have a look what the booklet for
CIELCh(49, 15.343, 260.365)
contains.

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Color

CIELCh(49, 15.451, 260.421)

Conversions

Conversions Part 1

Format	Color
Hex	60778E
RGB	96, 119, 142
RGB Percent	38%, 47%, 56%
CMY	0.6240, 0.5338, 0.4436
CMYK	0.32, 0.16, 0.00, 0.44
HSL	210°, 19%, 47%
HSV	210°, 32%, 56%
XYZ	16.2664, 17.5941, 28.0803
YIQ	114.7450, -21.0910, 2.2770

Conversions

Conversions Part 2

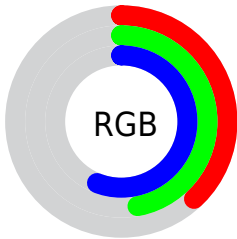
Format	Color
R _Y B	96, 111, 142
Decimal	6322062
CIE Lab	49.00, -2.57, -15.24
CIE LCh	49, 15.451, 260.421
Yxy	17.5941, 0.2626, 0.2840
Android (android.graphics.Color)	4284512142 (0xFF60778E)
YUV	114.7450, 13.4367, -16.4394
Hunter-Lab	41.9453, -4.1816, -10.3300

Details

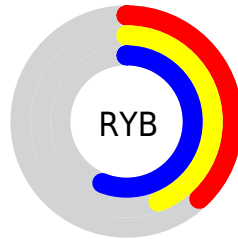
The CIELCh color **49, 15.451, 260.421** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **52, 16.862, 71.502**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 15.576, 261.320**, and **29, 15.547, 259.771** is the 20% darker color. If you saturate the color by 10%, you get **46, 20.064, 262.589**, and if you desaturate by 10%, it is **52, 10.754, 258.591**.

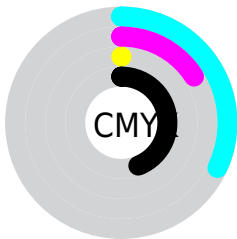
Distribution



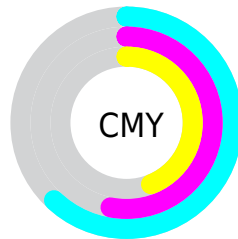
- Red (38%)
- Green (47%)
- Blue (56%)



- Red (38%)
- Yellow (44%)
- Blue (56%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)
- Black (44%)





- Cyan (62%)
- Magenta (53%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 15.451, 260.421 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, 15.451, 260.421 by changing the saturation by 10% instead.


 49, 15.451,
260.421


 49, 15.451,
260.421


 100, 15.451,
260.421


 39, 15.451,
260.421

 69, 15.451,
260.421


 29, 15.451,
260.421

 79, 15.451,
260.421

 19, 15.451,
260.421

 89, 15.451,
260.421

 9, 15.451, 260.421

 99, 15.451,
260.421

 0, 15.451, 260.421

 49, 15.451,

 49, 15.451,

260.421

260.421

■ 46, 20.064,
262.589

■ 52, 10.754,
258.591

■ 43, 24.588,
265.156

■ 55, 5.990, 257.061

■ 40, 29.028,
268.168

■ 58, 1.176, 255.941

■ 61, 3.670, 74.498

■ 37, 33.411,
271.649

■ 64, 8.531, 73.579

■ 35, 37.787,
275.576

■ 68, 13.393, 72.758

■ 71, 18.243, 72.039

■ 32, 42.224,
279.857

■ 74, 23.072, 71.406

■ 31, 45.702,
283.019

■ 77, 27.872, 70.846

Harmonies

Complementary

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



49, 15.451, 260.421



52, 16.862, 71.502

Rectangle

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



49, 15.451, 260.421



49, 15.451, 310.421



49, 15.451, 80.421



49, 15.451, 130.421

Sweetspot

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



49, 15.450, 260.419



71, 5.959, 256.762



55, 22.405, 159.848



36, 4.049, 256.927



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



49, 15.450, 260.419



60, 22.813, 261.987



43, 27.281, 293.473



29, 2.742, 256.629



29, 43.925, 282.795



1, 1.860, 255.421

Inverse Universe

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



46, 22.982, 346.602



56, 34.108, 347.457



58, 25.320, 106.426



28, 3.951, 344.341



28, 52.995, 0.800



1, 2.640, 343.644

Previews

White Background



This preview shows how the CIELCh color 49, 15.451, 260.421 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, 15.451, 260.421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

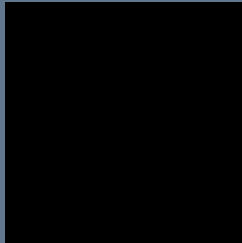
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

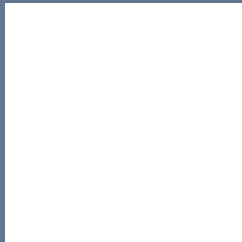
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 15.451, 260.421

Background



This preview shows how black text looks on a background with the CIELCh color 49, 15.451, 260.421.



This preview shows how white text looks on a background with the CIELCh color 49, 15.451, 260.421.

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, 15.451, 260.421

Protanopia

49, 14.153, 286.058

Deuteranopia

49, 17.059, 292.394



Tritanopia
49, 11.560, 229.208

Trichromacy



Original Color
49, 15.451, 260.421

Protanomaly
49, 14.459, 277.508

Deuteranomaly
49, 16.093, 280.657

Tritanomaly
49, 12.581, 243.430

Monochromacy



Original Color
49, 15.451, 260.421

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 6.064, 260.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 15.451, 260.421 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(96, 119, 142)` looks like.

```
.text, #text, p{  
    color:rgb(96, 119, 142)  
}
```

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(96, 119, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 119, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 15.451, 260.421 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(96, 119, 142) }
```

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

```
.border{ border-color:rgb(96, 119, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 119, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 119, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 119, 142);  
box-shadow:4px 4px 4px 4px rgb(96, 119,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 15.451, 260.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 119, 142) }
```

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

```
.background{ background-color: rgb(96, 119,  
142) }
```

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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