

Converting Colors

CIELCh(49, 26.097, 275.193)

Have a look what the booklet for
CIELCh(49, 26.097, 275.193)
contains.

CIELCh(49, 26.138, 275.513)	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, 26.138, 275.513)

Conversions

Conversions Part 1

Format	Color
Hex	5C75A0
RGB	92, 117, 160
RGB Percent	36%, 46%, 63%
CMY	0.6385, 0.5405, 0.3718
CMYK	0.42, 0.27, 0.00, 0.37
HSL	218°, 27%, 49%
HSV	218°, 42%, 63%
XYZ	17.1763, 17.5941, 35.8360
YIQ	114.4270, -28.7030, 8.0730

Conversions

Conversions Part 2

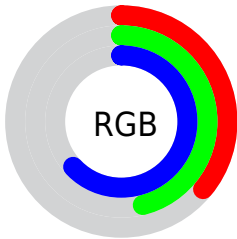
Format	Color
RYB	92, 110, 160
Decimal	6059424
CIELab	49.00, 2.51, -26.02
CIELCh	49, 26.138, 275.513
Yxy	17.5941, 0.2433, 0.2492
Android (android.graphics.Color)	4284249504 (0xFF5C75A0)
YUV	114.4270, 22.4675, -19.6685
Hunter-Lab	41.9453, -0.3097, -21.2928

Details

The CIELCh color **49, 26.138, 275.513** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **58, 26.846, 82.781**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 26.126, 275.528**, and **29, 26.040, 275.270** is the 20% darker color. If you saturate the color by 10%, you get **45, 32.489, 278.010**, and if you desaturate by 10%, it is **53, 19.870, 273.368**.

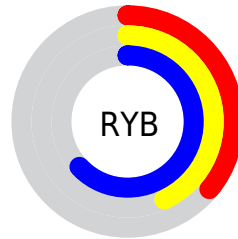
Distribution



Red (36%)

Green (46%)

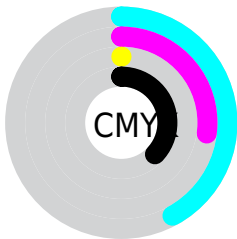
Blue (63%)



Red (36%)

Yellow (43%)

Blue (63%)

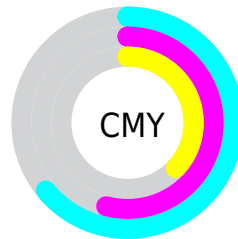


Cyan (42%)

Magenta (27%)

Yellow (0%)

Black (37%)



Cyan (64%)

Magenta (54%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 26.138, 275.513 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, 26.138, 275.513 by changing the saturation by 10% instead.

■ 49, 26.138,
275.513

■ 49, 26.138,
275.513

■ 100, 26.138,
275.513

■ 39, 26.138,
275.513

■ 69, 26.138,
275.513

■ 29, 26.138,
275.513

■ 79, 26.138,
275.513

■ 19, 26.138,
275.513

■ 89, 26.138,
275.513

■ 9, 26.138, 275.513

■ 99, 26.138,
275.513

■ 0, 26.138, 275.513

■ 49, 26.138,

■ 49, 26.138,

275.513

■ 45, 32.489,
278.010

■ 41, 38.950,
280.886

■ 38, 45.553,
284.136

■ 34, 52.328,
287.701

■ 31, 59.265,
291.446

■ 29, 64.574,
294.144

275.513

■ 53, 19.870,
273.368

■ 57, 13.673,
271.535

■ 61, 7.544, 269.975

■ 65, 1.482, 268.746

■ 69, 4.508, 87.377

■ 73, 10.424, 86.393

■ 77, 16.260, 85.515

■ 81, 22.013, 84.740

■ 85, 27.680, 84.053

Harmonies

Complementary

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



49, 26.138, 275.513



58, 26.846, 82.781

Rectangle

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



49, 26.138, 275.513



49, 26.138, 325.513



49, 26.138, 95.513



49, 26.138, 145.513

Sweetspot

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



49, 26.137, 275.513



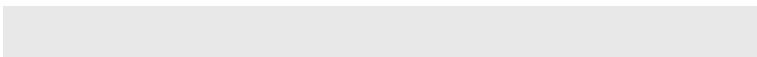
77, 9.789, 270.090



61, 28.687, 166.112



40, 6.843, 270.400



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



49, 26.137, 275.513



59, 39.233, 277.883



43, 41.094, 299.233



31, 3.384, 269.529



25, 58.745, 293.750



1, 4.496, 269.891

Inverse Universe

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



48, 31.121, 356.335



57, 46.287, 357.991



64, 36.985, 111.492



31, 3.957, 352.233



30, 55.299, 13.569



1, 5.042, 352.679

Previews

White Background



This preview shows how the CIELCh color 49, 26.138, 275.513 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, 26.138, 275.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

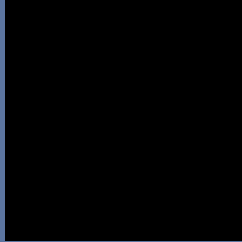
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

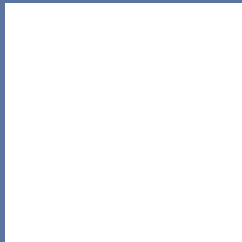
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 26.138, 275.513

Background



This preview shows how black text looks on a background with the CIELCh color 49, 26.138, 275.513.

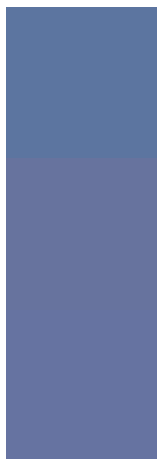


This preview shows how white text looks on a background with the CIELCh color 49, 26.138, 275.513.

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, 26.138, 275.513

Protanopia

49, 25.430, 284.344

Deuteranopia

49, 27.189, 284.576



Tritanopia
49, 14.121, 222.949

Trichromacy



Original Color
49, 26.138, 275.513

Protanomaly
49, 25.637, 280.795

Deuteranomaly
49, 26.820, 280.930

Tritanomaly
49, 16.570, 250.365

Monochromacy



Original Color
49, 26.138, 275.513

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 9.365, 270.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 26.138, 275.513 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(92, 117, 160)` looks like.

```
.text, #text, p{  
    color:rgb(92, 117, 160)  
}
```

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(92, 117, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 117, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 26.138, 275.513 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(92, 117, 160) }
```

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

```
.border{ border-color:rgb(92, 117, 160) }
```

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

Here you see how a box with a 4 pixel rgb(92, 117, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 117, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 117, 160);  
box-shadow:4px 4px 4px 4px rgb(92, 117,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 26.138, 275.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 117, 160) }
```

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

```
.background{ background-color: rgb(92, 117,  
160) }
```

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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