

Converting Colors

CIELCh(49, 14.477, 276.600)

Have a look what the booklet for
CIELCh(49, 14.477, 276.600)
contains.

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Color

CIELCh(49, 14.520, 276.126)

Conversions

Conversions Part 1

Format	Color
Hex	6A758D
RGB	106, 117, 141
RGB Percent	42%, 46%, 55%
CMY	0.5857, 0.5426, 0.4485
CMYK	0.25, 0.17, 0.00, 0.45
HSL	221°, 14%, 48%
HSV	221°, 25%, 55%
XYZ	17.0016, 17.5941, 27.5552
YIQ	116.4470, -14.2600, 5.1320

Conversions

Conversions Part 2

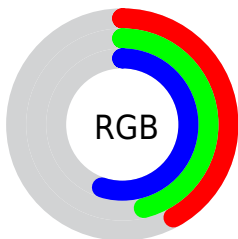
Format	Color
R_{YB}	106, 114, 141
Decimal	6976909
CIE Lab	49.00, 1.55, -14.44
CIE LCh	49, 14.520, 276.126
Yxy	17.5941, 0.2736, 0.2831
Android (android.graphics.Color)	4285166989 (0xFF6A758D)
YUV	116.4470, 12.1046, -9.1620
Hunter-Lab	41.9453, -1.0531, -9.5879

Details

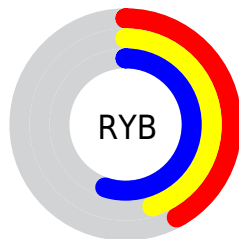
The CIELCh color $49, 14.520, 276.126$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 14.519, 89.558$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 14.679, 276.514$, and $29, 14.577, 276.456$ is the 20% darker color. If you saturate the color by 10%, you get $45, 20.539, 277.944$, and if you desaturate by 10%, it is $53, 8.609, 274.565$.

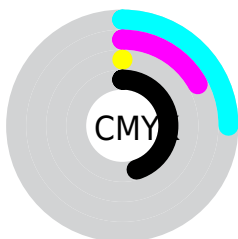
Distribution



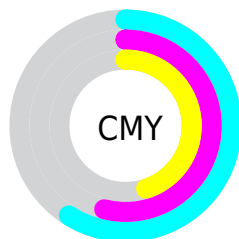
- Red (42%)
- Green (46%)
- Blue (55%)



- Red (42%)
- Yellow (45%)
- Blue (55%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (45%)



- Cyan (59%)
- Magenta (54%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 14.520, 276.126 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, 14.520, 276.126 by changing the saturation by 10% instead.


 49, 14.520,
276.126


 49, 14.520,
276.126


 100, 14.520,
276.126

 39, 14.520,
276.126

 69, 14.520,
276.126


 29, 14.520,
276.126

 79, 14.520,
276.126

 19, 14.520,
276.126

 89, 14.520,
276.126

 9, 14.520, 276.126

 99, 14.520,
276.126

 0, 14.520, 276.126

 49, 14.520,

 49, 14.520,

276.126

■ 45, 20.539,
277.944

■ 41, 26.680,
280.063

■ 38, 32.959,
282.513

■ 34, 39.402,
285.310

■ 31, 46.026,
288.431

■ 27, 52.823,
291.795

■ 24, 59.703,
295.231

■ 23, 63.221,
296.825

276.126

■ 53, 8.609, 274.565

■ 57, 2.802, 273.258

■ 60, 2.903, 91.967

■ 64, 8.509, 90.993

■ 68, 14.015, 90.114

■ 72, 19.422, 89.337

■ 76, 24.730, 88.647

■ 79, 29.940, 88.032

■ 83, 35.053, 87.480

Harmonies

Complementary

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



49, 14.520, 276.126



55, 14.519, 89.558

Rectangle

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



49, 14.520, 276.126



49, 14.520, 326.126



49, 14.520, 96.126



49, 14.520, 146.126

Sweetspot

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



49, 14.519, 276.124



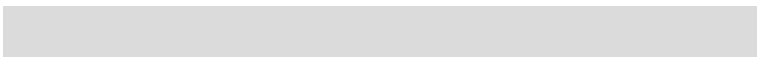
71, 5.005, 273.527



56, 14.794, 172.499



37, 3.242, 273.587



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, 14.519, 276.124



60, 21.876, 277.140



46, 20.983, 299.332



28, 3.293, 273.786



22, 61.184, 296.690



1, 2.209, 272.610

Inverse Universe

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



48, 15.792, 357.484



60, 23.861, 358.223



57, 19.896, 115.652



28, 3.531, 355.746



28, 53.957, 18.194



0, 2.344, 354.964

Previews

White Background



This preview shows how the CIE LCh color 49, 14.520, 276.126 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, 14.520, 276.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

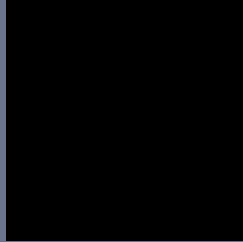
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

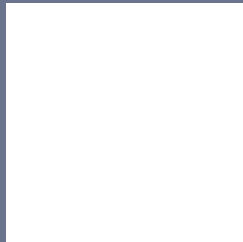
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 14.520, 276.126

Background



This preview shows how black text looks on a background with the CIELCh color 49, 14.520, 276.126.



This preview shows how white text looks on a background with the CIELCh color 49, 14.520, 276.126.

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, 14.520, 276.126

Protanopia

49, 14.736, 286.390

Deuteranopia

49, 15.896, 293.570



Tritanopia
49, 7.901, 241.094

Trichromacy



Original Color
49, 14.520, 276.126

Protanomaly
49, 14.259, 281.695

Deuteranomaly
49, 15.296, 288.054

Tritanomaly
49, 10.086, 260.347

Monochromacy



Original Color
49, 14.520, 276.126

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 5.485, 274.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 14.520, 276.126 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(106, 117, 141)` looks like.

```
.text, #text, p{  
    color:rgb(106, 117, 141)  
}
```

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(106, 117, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 117, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 14.520, 276.126 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(106, 117, 141) }
```

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

```
.border{ border-color:rgb(106, 117, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 117, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 117, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 117, 141);  
box-shadow:4px 4px 4px 4px rgb(106, 117,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 14.520, 276.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 117, 141) }
```

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

```
.background{ background-color: rgb(106,  
117, 141) }
```

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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