

Converting Colors

CIELCh(49, 17.294, 280.531)

Have a look what the booklet for
CIELCh(49, 17.294, 280.531)
contains.

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Color

CIELCh(49, 17.294, 280.531)

Conversions

Conversions Part 1

Format	Color
Hex	6A7491
RGB	106, 116, 145
RGB Percent	42%, 45%, 57%
CMY	0.5844, 0.5452, 0.4314
CMYK	0.27, 0.20, 0.00, 0.43
HSL	225°, 16%, 49%
HSV	225°, 27%, 57%
XYZ	17.2950, 17.5941, 29.2660
YIQ	116.3160, -15.2690, 6.8990

Conversions

Conversions Part 2

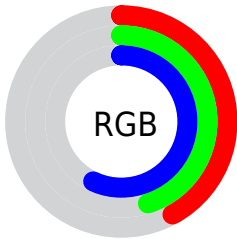
Format	Color
R_{YB}	106, 114, 145
Decimal	6976657
CIE Lab	49.00, 3.16, -17.00
CIE LCh	49, 17.294, 280.531
Yxy	17.5941, 0.2696, 0.2742
Android (android.graphics.Color)	4285166737 (0xFF6A7491)
YUV	116.3160, 14.1412, -9.0471
Hunter-Lab	41.9453, 0.1955, -12.0060

Details

The CIELCh color $49, 17.294, 280.531$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $56, 17.013, 93.610$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 17.282, 280.413$, and $29, 17.057, 279.734$ is the 20% darker color. If you saturate the color by 10%, you get $45, 24.020, 282.345$, and if you desaturate by 10%, it is $53, 10.736, 278.972$.

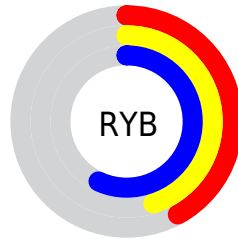
Distribution



Red (42%)

Green (45%)

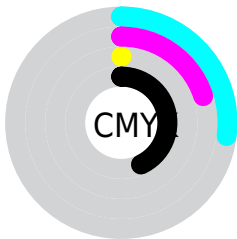
Blue (57%)



Red (42%)

Yellow (45%)

Blue (57%)

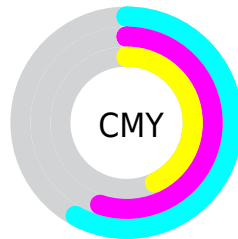


Cyan (27%)

Magenta (20%)

Yellow (0%)

Black (43%)



Cyan (58%)


Magenta (55%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 17.294, 280.531 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, 17.294, 280.531 by changing the saturation by 10% instead.


 49, 17.294,
280.531


 49, 17.294,
280.531


 100, 17.294,
280.531


 39, 17.294,
280.531

 69, 17.294,
280.531


 29, 17.294,
280.531

 79, 17.294,
280.531

 19, 17.294,
280.531

 89, 17.294,
280.531

 9, 17.294, 280.531

 99, 17.294,
280.531

 0, 17.294, 280.531

 49, 17.294,

 49, 17.294,

280.531

280.531

■ 45, 24.020,
282.345

■ 53, 10.736,
278.972

■ 41, 30.934,
284.454

■ 57, 4.336, 277.649

■ 37, 38.059,
286.881

■ 61, 1.916, 96.375

■ 66, 8.028, 95.428

■ 33, 45.410,
289.626

■ 70, 14.003, 94.558

■ 29, 52.974,
292.641

■ 74, 19.845, 93.790

■ 78, 25.559, 93.111

■ 25, 60.655,
295.810

■ 82, 31.149, 92.507

■ 22, 68.205,
298.894

■ 86, 36.617, 91.966

■ 21, 70.475,
299.732

Harmonies

Complementary

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



49, 17.294, 280.531



56, 17.013, 93.610

Rectangle

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



49, 17.294, 280.531



49, 17.294, 330.531



49, 17.294, 100.531



49, 17.294, 150.531

Sweetspot

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



49, 17.293, 280.529



72, 6.241, 277.803



57, 15.810, 175.801



37, 4.428, 277.976



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



49, 17.293, 280.529



60, 25.688, 281.543



47, 23.439, 301.249



28, 3.513, 277.928



20, 66.539, 299.525



1, 2.351, 276.799

Inverse Universe

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



49, 17.178, 1.871



60, 25.581, 2.663



59, 22.169, 117.583



28, 3.434, 359.828



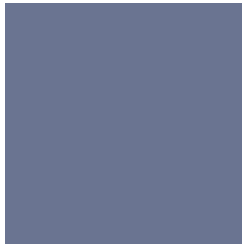
28, 55.403, 23.314



0, 2.274, 359.046

Previews

White Background



This preview shows how the CIELCh color 49, 17.294, 280.531 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, 17.294, 280.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

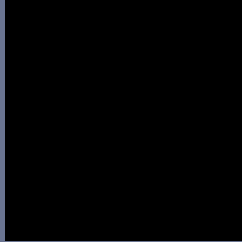
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

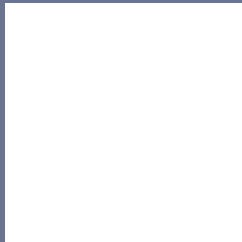
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 17.294, 280.531

Background



This preview shows how black text looks on a background with the CIELCh color 49, 17.294, 280.531.

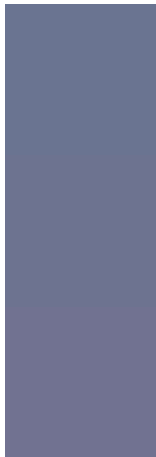


This preview shows how white text looks on a background with the CIELCh color 49, 17.294, 280.531.

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, 17.294, 280.531

Protanopia

49, 17.126, 285.169

Deuteranopia

49, 18.228, 291.409



Tritanopia
49, 7.901, 241.094

Trichromacy



Original Color
49, 17.294, 280.531

Protanomaly
49, 17.165, 283.999

Deuteranomaly
49, 17.675, 286.645

Tritanomaly
49, 10.582, 262.143

Monochromacy



Original Color
49, 17.294, 280.531

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 6.616, 277.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 17.294, 280.531 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, 116, 145)` looks like.

```
.text, #text, p{  
    color:rgb(106, 116, 145)  
}
```

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, 116, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 116, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 17.294, 280.531 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, 116, 145) }
```

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

```
.border{ border-color:rgb(106, 116, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 116, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 116, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 116, 145); box-shadow:4px 4px 4px 4px rgb(106, 116, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 17.294, 280.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 116, 145) }
```

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

```
.background{ background-color: rgb(106,  
116, 145) }
```

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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