

Converting Colors

CIELCh(49, 17.878, 292.572)

Have a look what the booklet for
CIELCh(49, 17.878, 292.572)
contains.

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Color

CIELCh(49, 17.645, 292.467)

Conversions

Conversions Part 1

Format	Color
Hex	727290
RGB	114, 114, 144
RGB Percent	45%, 45%, 56%
CMY	0.5533, 0.5533, 0.4357
CMYK	0.21, 0.21, 0.00, 0.44
HSL	240°, 12%, 51%
HSV	240°, 21%, 56%
XYZ	17.9593, 17.5941, 28.7944
YIQ	117.4200, -9.6300, 9.3300

Conversions

Conversions Part 2

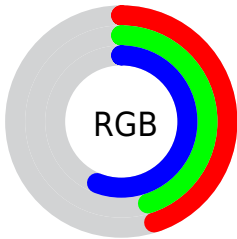
Format	Color
R_{YB}	114, 114, 144
Decimal	7500432
CIE _{Lab}	49.00, 6.74, -16.31
CIE _{LCh}	49, 17.645, 292.467
Yxy	17.5941, 0.2791, 0.2734
Android (android.graphics.Color)	4285690512 (0xFF727290)
YUV	117.4200, 13.1039, -2.9993
Hunter-Lab	41.9453, 3.0225, -11.3395

Details

The CIELCh color $49, 17.645, 292.467$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $59, 16.837, 108.218$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 17.596, 291.934$, and $29, 18.047, 292.329$ is the 20% darker color. If you saturate the color by 10%, you get $44, 26.649, 293.864$, and if you desaturate by 10%, it is $54, 9.001, 291.275$.

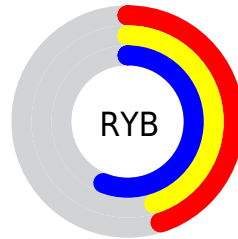
Distribution



Red (45%)

Green (45%)

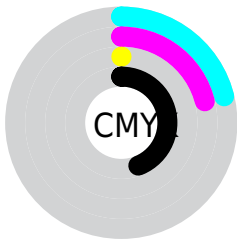
Blue (56%)



Red (45%)

Yellow (45%)

Blue (56%)

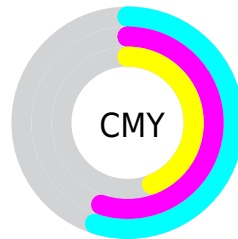


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (55%)

Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 17.645, 292.467 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, 17.645, 292.467 by changing the saturation by 10% instead.


 49, 17.645,
292.467


 49, 17.645,
292.467


 100, 17.645,
292.467


 39, 17.645,
292.467

 69, 17.645,
292.467


 29, 17.645,
292.467

 79, 17.645,
292.467

 19, 17.645,
292.467

 89, 17.645,
292.467

 9, 17.645, 292.467

 99, 17.645,
292.467

 0, 17.645, 292.467

 49, 17.645,

 49, 17.645,

292.467

44, 26.649,
293.864

39, 36.034,
295.492

34, 45.786,
297.355

29, 55.806,
299.419

24, 65.792,
301.576

20, 75.045,
303.610

17, 82.370,
305.209

16, 87.381,
306.286

292.467

54, 9.001, 291.275

59, 0.695, 290.327

64, 7.300, 109.382

69, 15.006,
108.646

74, 22.443,
108.012

79, 29.631,
107.466

84, 36.584,
106.994

89, 43.319,
106.583

94, 49.848,

Harmonies

Complementary

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



49, 17.645, 292.467



59, 16.837, 108.218

Rectangle

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



49, 17.645, 292.467



49, 17.645, 342.467



49, 17.645, 112.467



49, 17.645, 162.467

Sweetspot

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



49, 17.644, 292.466



72, 6.091, 290.780



58, 11.067, 196.896



38, 4.076, 290.837



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, 17.644, 292.466



60, 26.355, 293.091



50, 18.469, 309.449



27, 4.642, 291.095



14, 83.486, 306.286



0, 3.085, 290.175

Inverse Universe

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



51, 12.609, 20.850



62, 18.986, 21.309



58, 17.947, 127.554



28, 3.246, 19.883



27, 64.129, 38.796



0, 2.121, 19.400

Previews

White Background



This preview shows how the CIELCh color 49, 17.645, 292.467 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, 17.645, 292.467 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, 17.645, 292.467

Background



This preview shows how black text looks on a background with the CIELCh color 49, 17.645, 292.467.



This preview shows how white text looks on a background with the CIELCh color 49, 17.645, 292.467.

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, 17.645, 292.467

Protanopia

49, 17.705, 285.507

Deuteranopia

49, 17.645, 292.467



Tritanopia
49, 5.725, 267.003

Trichromacy



Original Color
49, 17.645, 292.467

Protanomaly
49, 17.650, 287.792

Deuteranomaly
49, 17.645, 292.467

Tritanomaly
49, 10.067, 282.871

Monochromacy



Original Color
49, 17.645, 292.467

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 6.462, 291.032

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 17.645, 292.467 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(114, 114, 144)` looks like.

```
.text, #text, p{  
    color:rgb(114, 114, 144)  
}
```

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(114, 114, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 114, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 17.645, 292.467 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(114, 114, 144) }
```

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

```
.border{ border-color:rgb(114, 114, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 114, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 114, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 114, 144);  
box-shadow:4px 4px 4px 4px rgb(114, 114,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 17.645, 292.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 114, 144) }
```

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

```
.background{ background-color: rgb(114,  
114, 144) }
```

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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