

Converting Colors

CIELCh(49, 33.303, 282.173)

Have a look what the booklet for
CIELCh(49, 33.303, 282.173)
contains.

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Color

CIELCh(49, 33.303, 282.173)

Conversions

Conversions Part 1

Format	Color
Hex	5C73AB
RGB	92, 115, 171
RGB Percent	36%, 45%, 67%
CMY	0.6377, 0.5476, 0.3279
CMYK	0.46, 0.33, 0.00, 0.33
HSL	223°, 32%, 52%
HSV	223°, 46%, 67%
XYZ	18.0118, 17.5941, 41.1703
YIQ	114.5070, -31.6840, 12.5400

Conversions

Conversions Part 2

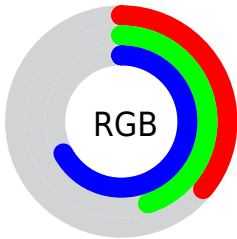
Format	Color
R_{YB}	92, 110, 171
Decimal	6058923
CIE _{Lab}	49.00, 7.02, -32.55
CIE _{LCh}	49, 33.303, 282.173
Yxy	17.5941, 0.2346, 0.2292
Android (android.graphics.Color)	4284249003 (0xFF5C73AB)
YUV	114.5070, 27.8510, -19.7386
Hunter-Lab	41.9453, 3.2460, -28.8328

Details

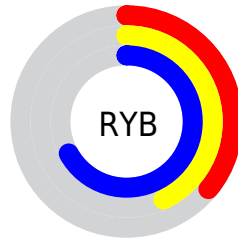
The CIELCh color `49, 33.303, 282.173` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `62, 32.690, 88.540`, and the grayscale version is `48, 0.006, 296.813`.

A 20% lighter version of the original color is `69, 33.345, 282.156`, and `29, 33.261, 282.356` is the 20% darker color. If you saturate the color by 10%, you get `45, 41.022, 284.693`, and if you desaturate by 10%, it is `54, 25.784, 279.992`.

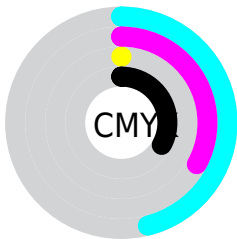
Distribution



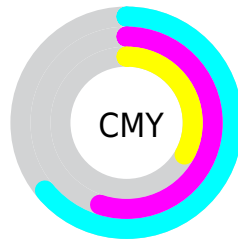
- Red (36%)
- Green (45%)
- Blue (67%)



- Red (36%)
- Yellow (43%)
- Blue (67%)



- Cyan (46%)
- Magenta (33%)
- Yellow (0%)
- Black (33%)





- Cyan (64%)
- Magenta (55%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 33.303, 282.173 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, 33.303, 282.173 by changing the saturation by 10% instead.


 49, 33.303,
282.173


 49, 33.303,
282.173


 100, 33.303,
282.173


 39, 33.303,
282.173

 69, 33.303,
282.173


 29, 33.303,
282.173

 79, 33.303,
282.173

 19, 33.303,
282.173

 89, 33.303,
282.173

 9, 33.303, 282.173

 99, 33.303,
282.173

 0, 33.303, 282.173

 49, 33.303,

 49, 33.303,

282.173

■ 45, 41.022,
284.693

■ 40, 48.970,
287.558

■ 36, 57.153,
290.727

■ 32, 65.511,
294.087

■ 29, 73.840,
297.435

■ 27, 77.025,
298.613

282.173

■ 54, 25.784,
279.992

■ 58, 18.443,
278.119

■ 63, 11.261,
276.518

■ 67, 4.227, 275.165

■ 72, 2.666, 93.859

■ 76, 9.421, 92.878

■ 81, 16.042, 91.987

■ 86, 22.529, 91.200

■ 90, 28.886, 90.505

Harmonies

Complementary

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



49, 33.303, 282.173



62, 32.690, 88.540

Rectangle

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



49, 33.303, 282.173



49, 33.303, 332.173



49, 33.303, 102.173



49, 33.303, 152.173

Sweetspot

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



49, 33.302, 282.173



80, 12.060, 276.249



65, 30.482, 171.152



42, 8.410, 276.555



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



49, 33.302, 282.173



57, 49.606, 284.657



44, 47.584, 302.191



34, 3.973, 275.571



24, 69.233, 298.252



2, 8.827, 278.078

Inverse Universe

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



49, 34.856, 2.452



58, 51.215, 4.509



67, 42.606, 114.935



34, 4.102, 357.409



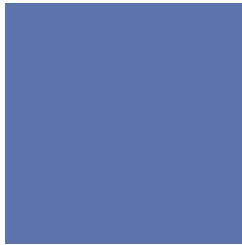
31, 59.096, 20.926



2, 8.287, 0.454

Previews

White Background



This preview shows how the CIELCh color 49, 33.303, 282.173 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, 33.303, 282.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

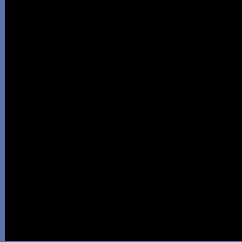
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

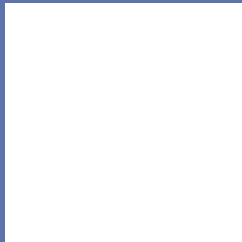
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 33.303, 282.173

Background



This preview shows how black text looks on a background with the CIELCh color 49, 33.303, 282.173.



This preview shows how white text looks on a background with the CIELCh color 49, 33.303, 282.173.

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, 33.303, 282.173

Protanopia

49, 33.096, 285.150

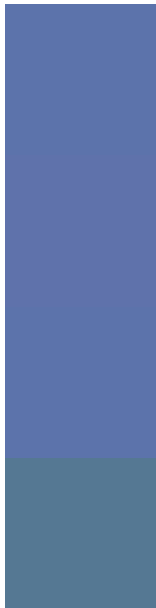
Deuteranopia

49, 33.303, 282.173



Tritanopia
49, 15.510, 220.454

Trichromacy



Original Color
49, 33.303, 282.173

Protanomaly
49, 33.741, 284.442

Deuteranomaly
49, 33.303, 282.173

Tritanomaly
49, 19.211, 254.896

Monochromacy



Original Color
49, 33.303, 282.173

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 12.629, 278.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 33.303, 282.173 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, 115, 171)` looks like.

```
.text, #text, p{  
    color:rgb(92, 115, 171)  
}
```

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, 115, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 115, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 33.303, 282.173 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, 115, 171) }
```

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

```
.border{ border-color:rgb(92, 115, 171) }
```

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

Here you see how a box with a 4 pixel rgb(92, 115, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 115, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 115, 171);  
box-shadow:4px 4px 4px 4px rgb(92, 115,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 33.303, 282.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 115, 171) }
```

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

```
.background{ background-color: rgb(92, 115,  
171) }
```

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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