

Converting Colors

CIELCh(49, 68.402, 295.737)

Have a look what the booklet for
CIELCh(49, 68.402, 295.737)
contains.

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Color

CIELCh(49, 68.213, 295.632)

Conversions

Conversions Part 1

Format	Color
Hex	5C69DE
RGB	92, 105, 222
RGB Percent	36%, 41%, 87%
CMY	0.6401, 0.5889, 0.1302
CMYK	0.59, 0.53, 0.00, 0.13
HSL	234°, 66%, 61%
HSV	234°, 59%, 87%
XYZ	22.5824, 17.5941, 71.1685
YIQ	114.4510, -45.3050, 33.6310

Conversions

Conversions Part 2

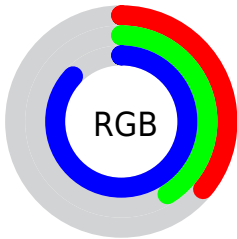
Format	Color
R_{YB}	92, 104, 222
Decimal	6056414
CIE Lab	49.00, 29.51, -61.50
CIE LCh	49, 68.213, 295.632
Yxy	17.5941, 0.2028, 0.1580
Android (android.graphics.Color)	4284246494 (0xFF5C69DE)
YUV	114.4510, 53.0217, -19.6895
Hunter-Lab	41.9453, 22.6963, -71.2356

Details

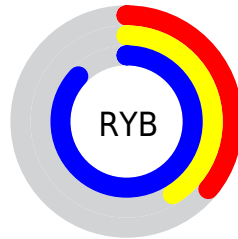
The CIELCh color **49, 68.213, 295.632** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **83, 59.150, 99.548**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 54.522, 294.244**, and **29, 68.449, 295.763** is the 20% darker color. If you saturate the color by 10%, you get **43, 81.240, 298.160**, and if you desaturate by 10%, it is **56, 55.480, 293.319**.

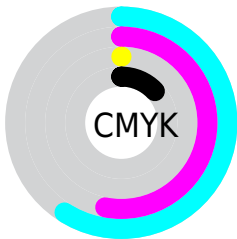
Distribution



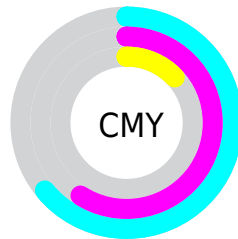
- Red (36%)
- Green (41%)
- Blue (87%)



- Red (36%)
- Yellow (41%)
- Blue (87%)



- Cyan (59%)
- Magenta (53%)
- Yellow (0%)
- Black (13%)



- Cyan (64%)
- Magenta (59%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 68.213, 295.632 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, 68.213, 295.632 by changing the saturation by 10% instead.


 49, 68.213,
295.632


 49, 68.213,
295.632


 100, 68.213,
295.632

 39, 68.213,
295.632


 69, 68.213,
295.632


 29, 68.213,
295.632


 79, 68.213,
295.632

 19, 68.213,
295.632

 89, 68.213,
295.632

 9, 68.213, 295.632

 99, 68.213,
295.632

 0, 68.213, 295.632

 49, 68.213,

 49, 68.213,

295.632

■ 43, 81.240,
298.160

■ 37, 94.082,
300.744

■ 33, 105.712,
303.122

■ 29, 114.590,
304.954

■ 29, 115.534,
305.136

295.632

■ 56, 55.480,
293.319

■ 62, 43.201,
291.282

■ 69, 31.399,
289.524

■ 76, 20.051,
288.025

■ 83, 9.120, 286.752

■ 89, 1.426, 105.569

■ 96, 11.616,
104.707

■ 99, 16.795,
108.908

Harmonies

Complementary

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



49, 68.213, 295.632



83, 59.150, 99.548

Rectangle

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



49, 68.213, 295.632



49, 68.213, 345.632



49, 68.213, 115.632



49, 68.213, 165.632

Sweetspot

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



49, 68.213, 295.633



86, 21.690, 287.959



81, 39.368, 184.790



44, 15.153, 288.371



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



49, 68.213, 295.633



48, 93.063, 298.661



50, 76.014, 308.689



43, 5.961, 286.847



22, 95.258, 304.875



3, 27.546, 292.692

Inverse Universe

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



56, 55.169, 19.981



59, 74.173, 23.809



83, 67.619, 122.079



43, 4.671, 11.843



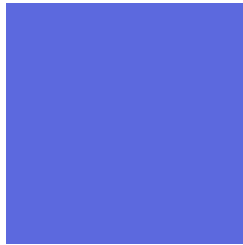
36, 74.069, 35.615



5, 23.730, 15.938

Previews

White Background



This preview shows how the CIELCh color 49, 68.213, 295.632 looks on a white background.

Color Contrast Check

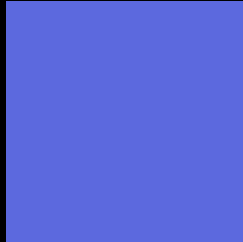
Large Text (above 18pt) WCAG AA ✓ Pass

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, 68.213, 295.632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

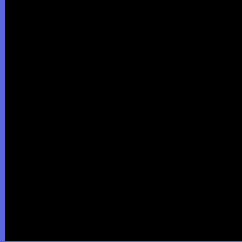
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 68.213, 295.632

Background



This preview shows how black text looks on a background with the CIELCh color 49, 68.213, 295.632.




This preview shows how white text looks on a background with the CIELCh color 49, 68.213, 295.632.

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





Tritanopia
49, 22.526, 212.569

Trichromacy



Original Color
49, 68.213, 295.632

Protanomaly
49, 69.083, 290.082

Deuteranomaly
48, 59.470, 282.967

Tritanomaly
48, 31.344, 266.867

Monochromacy



Original Color
49, 68.213, 295.632

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 24.800, 289.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 68.213, 295.632 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, 105, 222)` looks like.

```
.text, #text, p{  
    color:rgb(92, 105, 222)  
}
```

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, 105, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 105, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 68.213, 295.632 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, 105, 222) }
```

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

```
.border{ border-color:rgb(92, 105, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 105, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 105, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 105, 222);  
box-shadow:4px 4px 4px 4px rgb(92, 105,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 68.213, 295.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 105, 222) }
```

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

```
.background{ background-color: rgb(92, 105,  
222) }
```

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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