

Converting Colors

CIELCh(57, 43.621, 291.542)

Have a look what the booklet for
CIELCh(57, 43.621, 291.542)
contains.

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Color

CIELCh(57, 43.901, 291.583)

Conversions

Conversions Part 1

Format	Color
Hex	7A83D0
RGB	122, 131, 208
RGB Percent	48%, 51%, 82%
CMY	0.5216, 0.4863, 0.1843
CMYK	0.41, 0.37, 0.00, 0.18
HSL	234°, 48%, 65%
HSV	234°, 41%, 82%
XYZ	27.5259, 24.9227, 63.0318
YIQ	137.0870, -30.0810, 22.0390

Conversions

Conversions Part 2

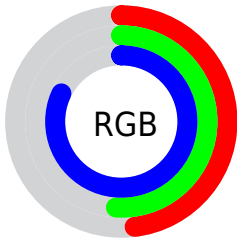
Format	Color
RYB	122, 130, 208
Decimal	8029136
CIELab	57.00, 16.15, -40.82
CIELCh	57, 43.901, 291.583
Yxy	24.9227, 0.2384, 0.2158
Android (android.graphics.Color)	4286219216 (0xFF7A83D0)
YUV	137.0870, 34.9601, -13.2313
Hunter-Lab	49.9226, 11.0551, -39.9131

Details

The CIELCh color $57, 43.901, 291.583$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $79, 40.373, 101.152$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 38.200, 290.365$, and $37, 43.746, 291.622$ is the 20% darker color. If you saturate the color by 10%, you get $51, 55.604, 293.692$, and if you desaturate by 10%, it is $63, 32.644, 289.757$.

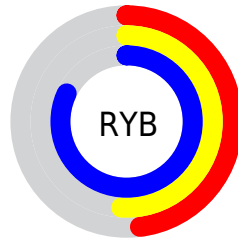
Distribution



Red (48%)

Green (51%)

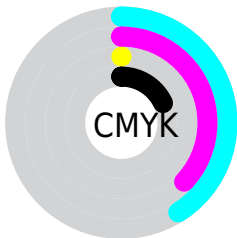
Blue (82%)



Red (48%)

Yellow (51%)

Blue (82%)

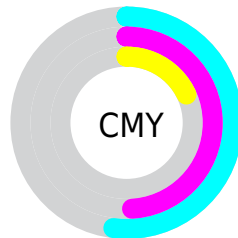


Cyan (41%)

Magenta (37%)

Yellow (0%)

Black (18%)



Cyan (52%)

Magenta (49%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 43.901, 291.583 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 57, 43.901, 291.583 by changing the saturation by 10% instead.

■ 57, 43.901,
291.583

■ 57, 43.901,
291.583

■ 100, 43.901,
291.583

■ 47, 43.901,
291.583

■ 77, 43.901,
291.583

■ 37, 43.901,
291.583

■ 87, 43.901,
291.583

■ 27, 43.901,
291.583

■ 97, 43.901,
291.583

■ 17, 43.901,
291.583

■ 7, 43.901, 291.583

■ 0, 43.901, 291.583

■ 57, 43.901,
291.583

■ 57, 43.901,
291.583

■ 51, 55.604,
293.692

■ 63, 32.644,
289.757

■ 45, 67.718,
296.067

■ 70, 21.820,
288.194

■ 39, 80.044,
298.631

■ 76, 11.395,
286.865

■ 34, 92.044,
301.204

■ 83, 1.337, 285.802

■ 89, 8.382, 104.732

■ 30, 102.638,
303.507

■ 95, 17.783,
103.903

■ 27, 109.565,
305.000

■ 99, 23.733,
108.378

Harmonies

Complementary

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



57, 43.901, 291.583



79, 40.373, 101.152

Rectangle

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



57, 43.901, 291.583



57, 43.901, 341.583



57, 43.901, 111.583



57, 43.901, 161.583

Sweetspot

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



57, 43.900, 291.583



91, 14.238, 286.963



78, 28.550, 186.404



47, 9.466, 287.129



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 43.900, 291.583



62, 63.787, 293.522



57, 50.182, 307.431



41, 5.704, 286.633



21, 92.784, 304.754



2, 23.699, 290.665

Inverse Universe

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



61, 35.810, 15.691



68, 52.055, 17.576



79, 46.479, 122.771



41, 4.494, 11.491



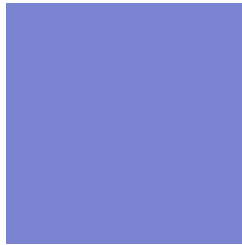
35, 72.171, 35.276



4, 20.061, 14.595

Previews

White Background



This preview shows how the CIELCh color 57, 43.901, 291.583 looks on a white background.

Color Contrast Check

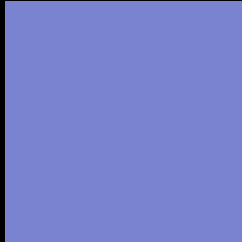
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 57, 43.901, 291.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

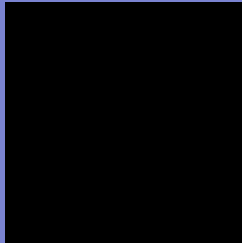
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 43.901, 291.583

Background



This preview shows how black text looks on a background with the CIELCh color 57, 43.901, 291.583.



This preview shows how white text looks on a background with the CIELCh color 57, 43.901, 291.583.

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


57, 43.901, 291.583

Protanopia

57, 44.115, 285.799

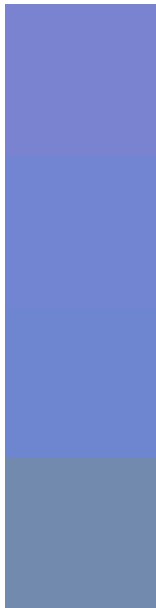
Deuteranopia

57, 41.056, 281.503



Tritanopia
57, 13.536, 229.032

Trichromacy



Original Color
57, 43.901, 291.583

Protanomaly
57, 43.990, 287.895

Deuteranomaly
57, 41.880, 285.292

Tritanomaly
57, 21.831, 270.238

Monochromacy



Original Color
57, 43.901, 291.583

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 16.004, 288.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 43.901, 291.583 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(122, 131, 208)` looks like.

```
.text, #text, p{  
    color:rgb(122, 131, 208)  
}
```

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(122, 131, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 131, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 43.901, 291.583 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(122, 131, 208) }
```

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

```
.border{ border-color:rgb(122, 131, 208) }
```

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

Here you see how a box with a 4 pixel rgb(122, 131, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 131, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 131, 208);  
box-shadow:4px 4px 4px 4px rgb(122, 131,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 43.901, 291.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 131, 208) }
```

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

```
.background{ background-color: rgb(122,  
131, 208) }
```

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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