

Converting Colors

CIELCh(60, 47.673, 294.343)

Have a look what the booklet for
CIELCh(60, 47.673, 294.343)
contains.

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Color

CIELCh(60, 47.409, 294.162)

Conversions

Conversions Part 1

Format	Color
Hex	8689DD
RGB	134, 137, 221
RGB Percent	53%, 54%, 87%
CMY	0.4751, 0.4633, 0.1339
CMYK	0.39, 0.38, 0.00, 0.13
HSL	238°, 56%, 70%
HSV	238°, 39%, 87%
XYZ	31.7677, 28.1233, 72.0590
YIQ	145.6790, -28.7520, 25.4880

Conversions

Conversions Part 2

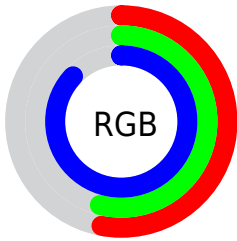
Format	Color
RYB	134, 137, 221
Decimal	8817117
CIELab	60.00, 19.41, -43.26
CIELCh	60, 47.409, 294.162
Yxy	28.1233, 0.2408, 0.2131
Android (android.graphics.Color)	4287007197 (0xFF8689DD)
YUV	145.6790, 37.1333, -10.2425
Hunter-Lab	53.0314, 14.1226, -43.4411

Details

The CIELCh color **60, 47.409, 294.162** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **86, 43.107, 104.836**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 34.771, 293.234**, and **40, 47.393, 294.173** is the 20% darker color. If you saturate the color by 10%, you get **53, 60.702, 296.130**, and if you desaturate by 10%, it is **67, 34.638, 292.456**.

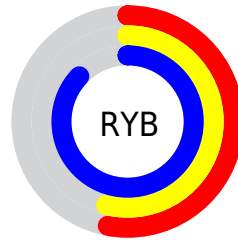
Distribution



Red (53%)

Green (54%)

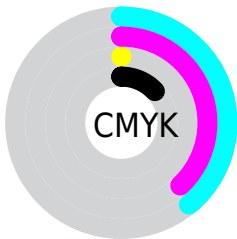
Blue (87%)



Red (53%)

Yellow (54%)

Blue (87%)

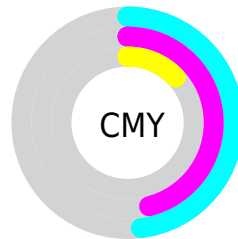


Cyan (39%)

Magenta (38%)

Yellow (0%)

Black (13%)



Cyan (48%)


Magenta (46%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 47.409, 294.162 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 60, 47.409, 294.162 by changing the saturation by 10% instead.


 60, 47.409,
294.162


 60, 47.409,
294.162


 100, 47.409,
294.162


 50, 47.409,
294.162


 80, 47.409,
294.162

 40, 47.409,
294.162

 90, 47.409,
294.162

 30, 47.409,
294.162

 20, 47.409,
294.162

 10, 47.409,
294.162

 0, 47.409, 294.162

 60, 47.409,

 60, 47.409,

294.162

■ 53, 60.702,
296.130

■ 46, 74.422,
298.334

■ 40, 88.217,
300.673

■ 34, 101.224,
302.932

■ 30, 111.857,
304.789

■ 28, 118.329,
305.912

■ 28, 118.598,
305.954

294.162

■ 67, 34.638,
292.456

■ 74, 22.391,
291.000

■ 81, 10.635,
289.766

■ 88, 0.668, 108.581

■ 96, 11.552,
107.805

■ 99, 17.268,
108.872

Harmonies

Complementary

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



60, 47.409, 294.162



86, 43.107, 104.836

Rectangle

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



60, 47.409, 294.162



60, 47.409, 344.162



60, 47.409, 114.162



60, 47.409, 164.162

Sweetspot

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



60, 47.408, 294.162



90, 15.351, 290.079



83, 27.878, 192.709



47, 10.208, 290.237



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 47.408, 294.162



62, 64.641, 295.714



63, 50.420, 309.439



42, 6.394, 289.770



21, 98.592, 305.838



2, 28.888, 294.185

Inverse Universe

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



65, 35.979, 20.663



70, 49.357, 22.128



84, 47.304, 125.396



43, 4.639, 17.131



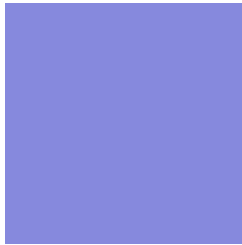
36, 76.753, 38.504



5, 23.788, 18.779

Previews

White Background



This preview shows how the CIELCh color 60, 47.409, 294.162 looks on a white background.

Color Contrast Check

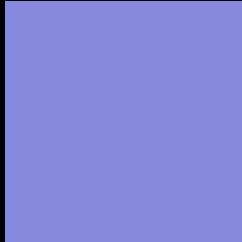
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 60, 47.409, 294.162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

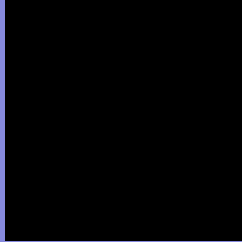
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 47.409, 294.162

Background



This preview shows how black text looks on a background with the CIELCh color 60, 47.409, 294.162.



This preview shows how white text looks on a background with the CIELCh color 60, 47.409, 294.162.

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

60, 47.409, 294.162

Protanopia

60, 47.066, 285.651

Deuteranopia

60, 42.970, 281.158



Tritanopia
60, 12.375, 232.019

Trichromacy



Original Color
60, 47.409, 294.162

Protanomaly
60, 46.917, 288.564

Deuteranomaly
60, 44.810, 286.188

Tritanomaly
60, 22.320, 274.347

Monochromacy



Original Color
60, 47.409, 294.162

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 16.948, 290.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 47.409, 294.162 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(134, 137, 221)` looks like.

```
.text, #text, p{  
    color:rgb(134, 137, 221)  
}
```

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(134, 137, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 137, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 47.409, 294.162 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(134, 137, 221) }
```

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

```
.border{ border-color:rgb(134, 137, 221) }
```

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

Here you see how a box with a 4 pixel rgb(134, 137, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 137, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 137, 221);  
box-shadow:4px 4px 4px 4px rgb(134, 137,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 47.409, 294.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 137, 221) }
```

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

```
.background{ background-color: rgb(134,  
137, 221) }
```

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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