

Converting Colors

CIELCh(60, 42.068, 289.650)

Have a look what the booklet for
CIELCh(60, 42.068, 289.650)
contains.

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Color

CIELCh(60, 41.821, 289.351)

Conversions

Conversions Part 1

Format	Color
Hex	7F8CD6
RGB	127, 140, 214
RGB Percent	50%, 55%, 84%
CMY	0.5019, 0.4510, 0.1608
CMYK	0.41, 0.35, 0.00, 0.16
HSL	231°, 51%, 67%
HSV	231°, 41%, 84%
XYZ	30.2682, 28.1233, 67.4510
YIQ	144.5490, -31.5020, 20.2580

Conversions

Conversions Part 2

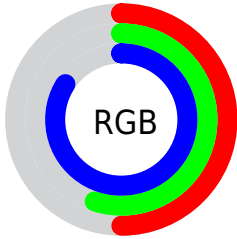
Format	Color
RYB	127, 138, 214
Decimal	8359126
CIELab	60.00, 13.86, -39.46
CIELCh	60, 41.821, 289.351
Yxy	28.1233, 0.2405, 0.2235
Android (android.graphics.Color)	4286549206 (0xFF7F8CD6)
YUV	144.5490, 34.2393, -15.3905
Hunter-Lab	53.0314, 9.0754, -38.2893

Details

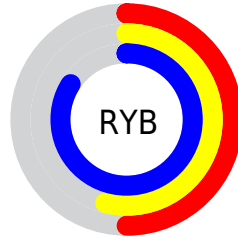
The CIELCh color `60, 41.821, 289.351` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `81, 39.022, 98.710`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `79, 33.173, 287.653`, and `40, 42.031, 289.627` is the 20% darker color. If you saturate the color by 10%, you get `54, 53.084, 291.514`, and if you desaturate by 10%, it is `66, 30.972, 287.484`.

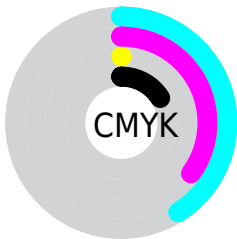
Distribution



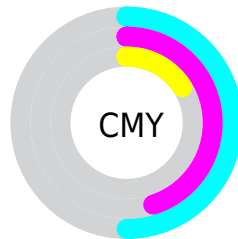
- Red (50%)
- Green (55%)
- Blue (84%)



- Red (50%)
- Yellow (54%)
- Blue (84%)



- Cyan (41%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)





- Cyan (50%)
- Magenta (45%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 41.821, 289.351 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, 41.821, 289.351 by changing the saturation by 10% instead.


 60, 41.821,
289.351


 60, 41.821,
289.351


 100, 41.821,
289.351


 50, 41.821,
289.351


 80, 41.821,
289.351

 40, 41.821,
289.351

 90, 41.821,
289.351

 30, 41.821,
289.351

 20, 41.821,
289.351

 10, 41.821,
289.351

 0, 41.821, 289.351

 60, 41.821,

 60, 41.821,

289.351

289.351

■ 54, 53.084,
291.514

■ 66, 30.972,
287.484

■ 48, 64.761,
293.969

■ 73, 20.513,
285.888

■ 42, 76.747,
296.662

■ 79, 10.411,
284.530

■ 37, 88.697,
299.448

■ 85, 0.637, 283.565

■ 32, 99.837,
302.083

■ 91, 8.833, 102.333

■ 29, 108.456,
304.099

■ 98, 17.999,
101.955

■ 99, 20.719,
108.609

Harmonies

Complementary

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



60, 41.821, 289.351



81, 39.022, 98.710

Rectangle

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



60, 41.821, 289.351



60, 41.821, 339.351



60, 41.821, 109.351



60, 41.821, 159.351

Sweetspot

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



60, 41.820, 289.351



91, 13.551, 284.715



80, 29.351, 183.524



48, 9.007, 284.886



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, 41.820, 289.351



64, 59.072, 291.247



59, 50.315, 306.329



42, 5.541, 284.378



22, 90.679, 303.773



3, 24.738, 290.443

Inverse Universe

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



63, 35.940, 12.170



69, 50.670, 13.956



82, 46.461, 121.485



42, 4.630, 7.959



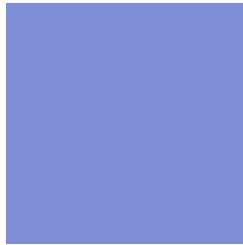
35, 70.957, 32.671



5, 21.996, 13.108

Previews

White Background



This preview shows how the CIELCh color 60, 41.821, 289.351 looks on a white background.

Color Contrast Check

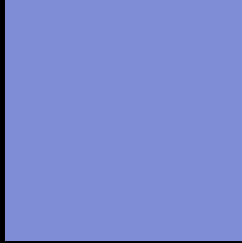
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 41.821, 289.351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

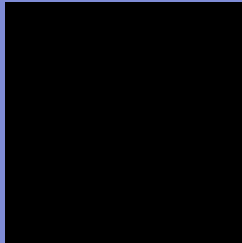
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 41.821, 289.351

Background



This preview shows how black text looks on a background with the CIELCh color 60, 41.821, 289.351.



This preview shows how white text looks on a background with the CIELCh color 60, 41.821, 289.351.

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, 41.821, 289.351

Protanopia

60, 41.996, 285.491

Deuteranopia

60, 40.012, 282.285



Tritanopia
60, 14.022, 227.530

Trichromacy



Original Color
60, 41.821, 289.351

Protanomaly
60, 41.919, 287.015

Deuteranomaly
60, 40.357, 284.849

Tritanomaly
60, 21.362, 267.664

Monochromacy



Original Color
60, 41.821, 289.351

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 15.329, 285.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 41.821, 289.351 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(127, 140, 214)` looks like.

```
.text, #text, p{  
    color:rgb(127, 140, 214)  
}
```

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(127, 140, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 140, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 41.821, 289.351 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(127, 140, 214) }
```

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

```
.border{ border-color:rgb(127, 140, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 140, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 140, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 140, 214);  
box-shadow:4px 4px 4px 4px rgb(127, 140,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 41.821, 289.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 140, 214) }
```

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

```
.background{ background-color: rgb(127,  
140, 214) }
```

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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