

Converting Colors

CIELCh(61, 42.465, 282.764)

Have a look what the booklet for
CIELCh(61, 42.465, 282.764)
contains.

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Color

CIELCh(61, 42.117, 282.456)

Conversions

Conversions Part 1

Format	Color
Hex	7392DC
RGB	115, 146, 220
RGB Percent	45%, 57%, 86%
CMY	0.5502, 0.4285, 0.1384
CMYK	0.48, 0.34, 0.00, 0.14
HSL	222°, 60%, 66%
HSV	222°, 48%, 86%
XYZ	30.1452, 29.2481, 71.5568
YIQ	145.1670, -42.2300, 16.4420

Conversions

Conversions Part 2

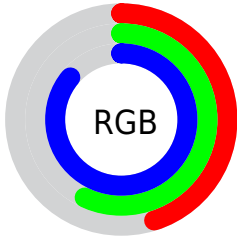
Format	Color
R _Y B	115, 139, 220
Decimal	7574236
CIE Lab	61.00, 9.08, -41.13
CIE LCh	61, 42.117, 282.456
Yxy	29.2481, 0.2302, 0.2234
Android (android.graphics.Color)	4285764316 (0xFF7392DC)
YUV	145.1670, 36.8927, -26.4565
Hunter-Lab	54.0815, 4.8536, -40.5912

Details

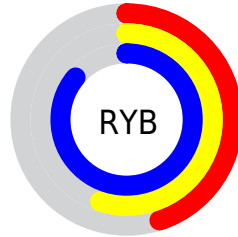
The CIELCh color **61, 42.117, 282.456** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **78, 41.350, 87.841**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 30.284, 275.483**, and **41, 42.291, 282.635** is the 20% darker color. If you saturate the color by 10%, you get **56, 51.559, 285.120**, and if you desaturate by 10%, it is **67, 32.926, 280.150**.

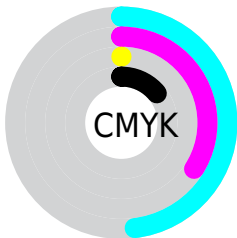
Distribution



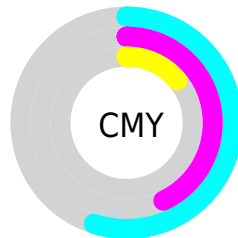
- Red (45%)
- Green (57%)
- Blue (86%)



- Red (45%)
- Yellow (55%)
- Blue (86%)



- Cyan (48%)
- Magenta (34%)
- Yellow (0%)
- Black (14%)



- Cyan (55%)
- Magenta (43%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 42.117, 282.456 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 61, 42.117, 282.456 by changing the saturation by 10% instead.

■ 61, 42.117,
282.456

■ 61, 42.117,
282.456

■ 100, 42.117,
282.456

■ 51, 42.117,
282.456

■ 81, 42.117,
282.456

■ 41, 42.117,
282.456

■ 91, 42.117,
282.456

■ 31, 42.117,
282.456

■ 21, 42.117,
282.456

■ 11, 42.117,
282.456

■ 1, 42.117, 282.456

■ 0, 42.117, 282.456

■ 61, 42.117,
282.456

■ 61, 42.117,
282.456

■ 56, 51.559,
285.120

■ 67, 32.926,
280.150

■ 50, 61.286,
288.137

■ 72, 23.955,
278.172

■ 45, 71.295,
291.447

■ 78, 15.180,
276.485

■ 41, 81.476,
294.910

■ 83, 6.585, 275.055

■ 89, 1.837, 93.649

■ 37, 91.513,
298.285

■ 94, 10.092, 92.676

■ 36, 93.672,
298.960

■ 99, 17.398,
107.740

■ 99, 17.851,
108.827

Harmonies

Complementary

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



61, 42.117, 282.456



78, 41.350, 87.841

Rectangle

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



61, 42.117, 282.456



61, 42.117, 332.456



61, 42.117, 102.456



61, 42.117, 152.456

Sweetspot

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



61, 42.116, 282.456



91, 13.433, 275.930



81, 38.409, 170.830



47, 9.293, 276.255



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 42.116, 282.456



64, 57.365, 285.031



55, 60.622, 302.488



43, 4.799, 275.272



28, 77.240, 298.418



5, 23.539, 287.021

Inverse Universe

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



61, 44.294, 2.592



65, 59.340, 4.751



84, 53.865, 114.789



43, 4.993, 357.115



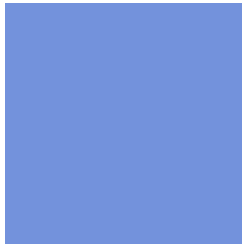
36, 65.711, 21.229



6, 23.887, 7.180

Previews

White Background



This preview shows how the CIE LCh color 61, 42.117, 282.456 looks on a white background.

Color Contrast Check

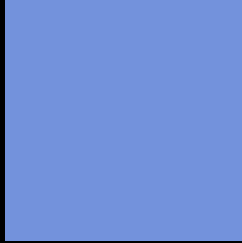
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 42.117, 282.456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

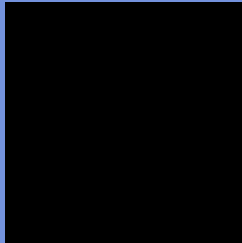
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 42.117, 282.456

Background



This preview shows how black text looks on a background with the CIELCh color 61, 42.117, 282.456.



This preview shows how white text looks on a background with the CIELCh color 61, 42.117, 282.456.

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


61, 42.117, 282.456

Protanopia

61, 41.899, 285.403

Deuteranopia

61, 42.161, 282.112



Tritanopia
61, 19.655, 218.169

Trichromacy



Original Color
61, 42.117, 282.456

Protanomaly
61, 41.959, 284.268

Deuteranomaly
61, 42.161, 282.112

Tritanomaly
61, 24.006, 254.382

Monochromacy



Original Color
61, 42.117, 282.456

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 15.619, 277.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 42.117, 282.456 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(115, 146, 220)` looks like.

```
.text, #text, p{  
    color:rgb(115, 146, 220)  
}
```

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(115, 146, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 146, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 42.117, 282.456 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(115, 146, 220) }
```

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

```
.border{ border-color:rgb(115, 146, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 146, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 146, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 146, 220);  
box-shadow:4px 4px 4px 4px rgb(115, 146,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 42.117, 282.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 146, 220) }
```

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

```
.background{ background-color: rgb(115,  
146, 220) }
```

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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