

Converting Colors

CIELCh(61, 41.784, 283.043)

Have a look what the booklet for
CIELCh(61, 41.784, 283.043)
contains.

CIELCh(61, 42.078, 283.203)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 42.078, 283.203)

Conversions

Conversions Part 1

Format	Color
Hex	7491DB
RGB	116, 145, 219
RGB Percent	45%, 57%, 86%
CMY	0.5434, 0.4298, 0.1395
CMYK	0.47, 0.34, 0.00, 0.14
HSL	223°, 59%, 66%
HSV	223°, 47%, 86%
XYZ	30.2850, 29.2481, 71.3596
YIQ	144.7650, -41.0380, 16.8660

Conversions

Conversions Part 2

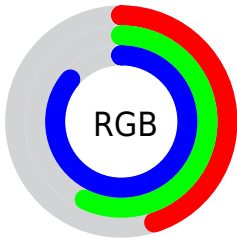
Format	Color
R _Y B	116, 139, 219
Decimal	7639515
CIE Lab	61.00, 9.61, -40.97
CIE LCh	61, 42.078, 283.203
Yxy	29.2481, 0.2314, 0.2235
Android (android.graphics.Color)	4285829595 (0xFF7491DB)
YUV	144.7650, 36.5979, -25.2269
Hunter-Lab	54.0815, 5.3152, -40.3750

Details

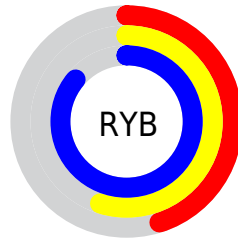
The CIELCh color **61, 42.078, 283.203** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **78, 41.016, 89.054**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 30.667, 276.946**, and **41, 42.280, 283.287** is the 20% darker color. If you saturate the color by 10%, you get **55, 51.715, 285.808**, and if you desaturate by 10%, it is **67, 32.711, 280.948**.

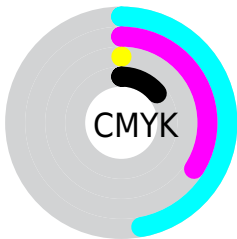
Distribution



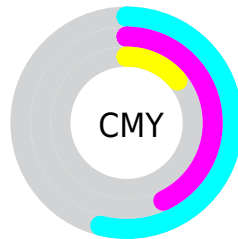
- Red (45%)
- Green (57%)
- Blue (86%)



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



- Cyan (47%)
- Magenta (34%)
- Yellow (0%)
- Black (14%)



- Cyan (54%)
- Magenta (43%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 42.078, 283.203 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, 42.078, 283.203 by changing the saturation by 10% instead.

■ 61, 42.078,
283.203

■ 61, 42.078,
283.203

■ 100, 42.078,
283.203

■ 51, 42.078,
283.203

■ 81, 42.078,
283.203

■ 41, 42.078,
283.203

■ 91, 42.078,
283.203

■ 31, 42.078,
283.203

■ 21, 42.078,
283.203

■ 11, 42.078,
283.203

■ 1, 42.078, 283.203

■ 0, 42.078, 283.203

61, 42.078,
283.203

61, 42.078,
283.203

55, 51.715,
285.808

67, 32.711,
280.948

50, 61.653,
288.760

72, 23.582,
279.015

45, 71.881,
292.002

78, 14.668,
277.365

40, 82.272,
295.394

84, 5.950, 275.970

89, 2.580, 94.628

36, 92.473,
298.705

95, 10.930, 93.641

35, 95.483,
299.618

99, 17.989,
108.817

Harmonies

Complementary

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



61, 42.078, 283.203



78, 41.016, 89.054

Rectangle

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



61, 42.078, 283.203



61, 42.078, 333.203



61, 42.078, 103.203



61, 42.078, 153.203

Sweetspot

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



61, 42.077, 283.203



91, 13.652, 276.946



81, 37.273, 172.142



47, 9.446, 277.267



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, 42.077, 283.203



64, 57.416, 285.678



55, 59.428, 302.867



43, 4.875, 276.293



27, 78.834, 299.097



4, 23.863, 287.567

Inverse Universe

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



61, 43.320, 3.470



66, 58.241, 5.581



84, 53.047, 115.570



43, 4.959, 358.113



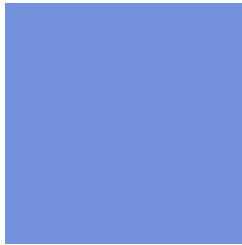
36, 66.177, 22.494



5, 23.855, 7.904

Previews

White Background



This preview shows how the CIELCh color 61, 42.078, 283.203 looks on a white background.

Color Contrast Check

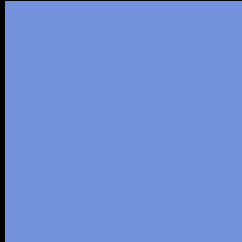
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 42.078, 283.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

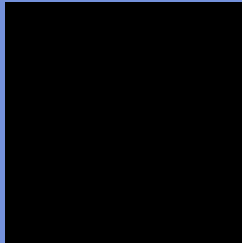
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 42.078, 283.203

Background



This preview shows how black text looks on a background with the CIELCh color 61, 42.078, 283.203.

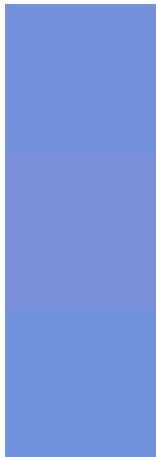


This preview shows how white text looks on a background with the CIELCh color 61, 42.078, 283.203.

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, 42.078, 283.203

Protanopia

61, 41.865, 285.772

Deuteranopia

61, 41.625, 281.849



Tritanopia
61, 19.137, 218.781

Trichromacy



Original Color
61, 42.078, 283.203

Protanomaly
61, 41.922, 284.629

Deuteranomaly
61, 41.580, 282.199

Tritanomaly
61, 23.702, 255.480

Monochromacy



Original Color
61, 42.078, 283.203

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 15.547, 278.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 42.078, 283.203 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(116, 145, 219)` looks like.

```
.text, #text, p{  
    color:rgb(116, 145, 219)  
}
```

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(116, 145, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 145, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 42.078, 283.203 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(116, 145, 219) }
```

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

```
.border{ border-color:rgb(116, 145, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 145, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 145, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 145, 219);  
box-shadow:4px 4px 4px 4px rgb(116, 145,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 42.078, 283.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 145, 219) }
```

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

```
.background{ background-color: rgb(116,  
145, 219) }
```

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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