

Converting Colors

CIELCh(61, 35.154, 281.998)

Have a look what the booklet for
CIELCh(61, 35.154, 281.998)
contains.

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Color

CIELCh(61, 35.334, 282.014)

Conversions

Conversions Part 1

Format	Color
Hex	7A92D0
RGB	122, 146, 208
RGB Percent	48%, 57%, 82%
CMY	0.5216, 0.4275, 0.1843
CMYK	0.41, 0.30, 0.00, 0.18
HSL	223°, 48%, 65%
HSV	223°, 41%, 82%
XYZ	29.6888, 29.2481, 63.7534
YIQ	145.8920, -34.2060, 14.1940

Conversions

Conversions Part 2

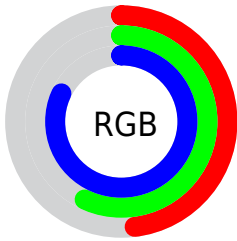
Format	Color
RYB	122, 141, 208
Decimal	8032976
CIELab	61.00, 7.35, -34.56
CIELCh	61, 35.334, 282.014
Yxy	29.2481, 0.2420, 0.2384
Android (android.graphics.Color)	4286223056 (0xFF7A92D0)
YUV	145.8920, 30.6192, -20.9533
Hunter-Lab	54.0815, 3.3474, -32.0363

Details

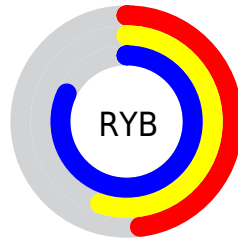
The CIELCh color $61, 35.334, 282.014$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 34.612, 89.993$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 29.872, 278.785$, and $41, 35.044, 281.726$ is the 20% darker color. If you saturate the color by 10%, you get $56, 44.439, 284.404$, and if you desaturate by 10%, it is $66, 26.470, 279.957$.

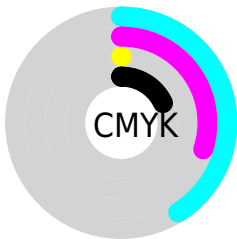
Distribution



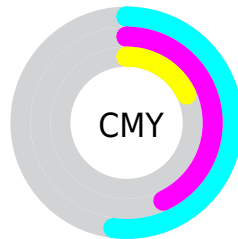
- Red (48%)
- Green (57%)
- Blue (82%)



- Red (48%)
- Yellow (55%)
- Blue (82%)



- Cyan (41%)
- Magenta (30%)
- Yellow (0%)
- Black (18%)



- Cyan (52%)
- Magenta (43%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 35.334, 282.014 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, 35.334, 282.014 by changing the saturation by 10% instead.

■ 61, 35.334,
282.014

■ 61, 35.334,
282.014

■ 100, 35.334,
282.014

■ 51, 35.334,
282.014

■ 81, 35.334,
282.014

■ 41, 35.334,
282.014

■ 91, 35.334,
282.014

■ 31, 35.334,
282.014

■ 21, 35.334,
282.014

■ 11, 35.334,
282.014

■ 1, 35.334, 282.014

■ 0, 35.334, 282.014

61, 35.334,
282.014

61, 35.334,
282.014

56, 44.439,
284.404

66, 26.470,
279.957

50, 53.820,
287.144

72, 17.824,
278.198

45, 63.494,
290.213

77, 9.373, 276.700

41, 73.412,
293.519

83, 1.108, 275.572

88, 6.981, 94.235

36, 83.371,
296.890

94, 14.899, 93.282

33, 91.699,
299.609

98, 21.815,
104.543

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.



61, 35.334, 282.014



76, 34.612, 89.993

Rectangle

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



61, 35.334, 282.014



61, 35.334, 332.014



61, 35.334, 102.014



61, 35.334, 152.014

Sweetspot

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



61, 35.333, 282.014



92, 11.706, 276.810



78, 31.937, 172.865



48, 7.775, 276.997



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, 35.333, 282.014



68, 51.004, 284.211



56, 49.641, 302.218



41, 4.699, 276.439



26, 77.171, 299.122



4, 20.712, 285.376

Inverse Universe

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



61, 36.409, 2.555



69, 52.117, 4.351



80, 45.071, 115.912



41, 4.763, 358.261



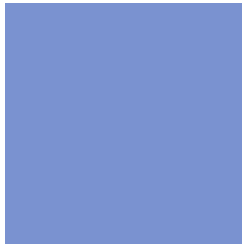
35, 64.750, 22.541



4, 20.422, 6.584

Previews

White Background



This preview shows how the CIELCh color 61, 35.334, 282.014 looks on a white background.

Color Contrast Check

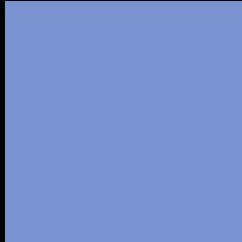
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.334, 282.014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

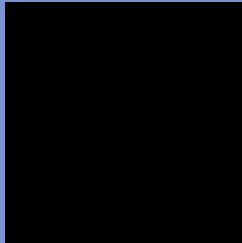
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 35.334, 282.014

Background



This preview shows how black text looks on a background with the CIELCh color 61, 35.334, 282.014.



This preview shows how white text looks on a background with the CIELCh color 61, 35.334, 282.014.

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, 35.334, 282.014

Protanopia

61, 35.084, 285.309

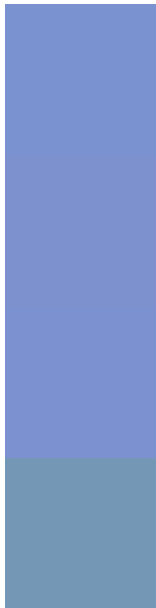
Deuteranopia

61, 35.784, 283.681



Tritanopia
61, 15.925, 223.527

Trichromacy



Original Color
61, 35.334, 282.014

Protanomaly
61, 35.158, 284.362

Deuteranomaly
61, 35.826, 283.228

Tritanomaly
61, 20.185, 256.126

Monochromacy



Original Color
61, 35.334, 282.014

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 13.280, 277.620

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 35.334, 282.014 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, 146, 208)` looks like.

```
.text, #text, p{  
    color:rgb(122, 146, 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, 146, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 146, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 35.334, 282.014 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, 146, 208) }
```

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

```
.border{ border-color:rgb(122, 146, 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, 146, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 146, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 146, 208);  
box-shadow:4px 4px 4px 4px rgb(122, 146,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 35.334, 282.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 146, 208) }
```

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

```
.background{ background-color: rgb(122,  
146, 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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