

Converting Colors

CIELCh(61, 28.041, 280.594)

Have a look what the booklet for
CIELCh(61, 28.041, 280.594)
contains.

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Color

CIELCh(61, 28.009, 280.561)

Conversions

Conversions Part 1

Format	Color
Hex	8093C4
RGB	128, 147, 196
RGB Percent	50%, 58%, 77%
CMY	0.4998, 0.4253, 0.2332
CMYK	0.35, 0.25, 0.00, 0.23
HSL	223°, 36%, 63%
HSV	223°, 35%, 77%
XYZ	29.1095, 29.2481, 56.0551
YIQ	146.9050, -27.0530, 11.2110

Conversions

Conversions Part 2

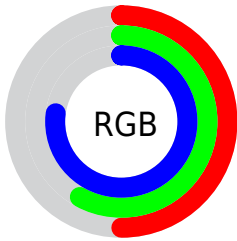
Format	Color
RYB	128, 143, 196
Decimal	8426436
CIELab	61.00, 5.13, -27.53
CIELCh	61, 28.009, 280.561
Yxy	29.2481, 0.2544, 0.2556
Android (android.graphics.Color)	4286616516 (0xFF8093C4)
YUV	146.9050, 24.2038, -16.5797
Hunter-Lab	54.0815, 1.4352, -23.5965

Details

The CIELCh color $61, 28.009, 280.561$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $73, 27.591, 90.844$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 28.077, 280.181$, and $41, 27.757, 280.170$ is the 20% darker color. If you saturate the color by 10%, you get $56, 36.501, 282.715$, and if you desaturate by 10%, it is $66, 19.726, 278.714$.

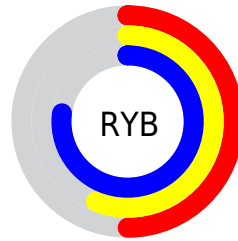
Distribution



Red (50%)

Green (58%)

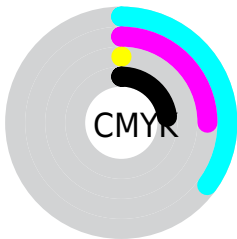
Blue (77%)



Red (50%)

Yellow (56%)

Blue (77%)

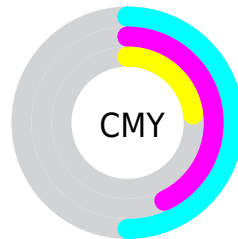


Cyan (35%)

Magenta (25%)

Yellow (0%)

Black (23%)



Cyan (50%)

Magenta (43%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 28.009, 280.561 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, 28.009, 280.561 by changing the saturation by 10% instead.

■ 61, 28.009,
280.561

■ 61, 28.009,
280.561

■ 100, 28.009,
280.561

■ 51, 28.009,
280.561

■ 81, 28.009,
280.561

■ 41, 28.009,
280.561

■ 91, 28.009,
280.561

■ 31, 28.009,
280.561

■ 21, 28.009,
280.561

■ 11, 28.009,
280.561

■ 1, 28.009, 280.561

■ 0, 28.009, 280.561

61, 28.009,
280.561

61, 28.009,
280.561

56, 36.501,
282.715

66, 19.726,
278.714

51, 45.234,
285.208

71, 11.635,
277.138

46, 54.235,
288.048

77, 3.721, 275.816

41, 63.509,
291.193

82, 4.024, 94.542

37, 72.976,
294.532

87, 11.605, 93.561

33, 82.378,
297.863

92, 19.027, 92.685

31, 87.137,
299.453

96, 25.495, 99.752

99, 29.963,
107.900

Harmonies

Complementary

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



61, 28.009, 280.561



73, 27.591, 90.844

Rectangle

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



61, 28.009, 280.561



61, 28.009, 330.561



61, 28.009, 100.561



61, 28.009, 150.561

Sweetspot

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



61, 28.008, 280.560



94, 9.729, 276.494



74, 25.947, 173.662



49, 6.647, 276.688



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, 28.008, 280.560



73, 42.375, 282.235



57, 39.222, 301.503



38, 4.411, 276.389



25, 74.236, 298.974



3, 15.749, 282.134

Inverse Universe

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



61, 28.923, 1.408



73, 43.676, 2.720



76, 36.279, 116.337



38, 4.474, 358.213



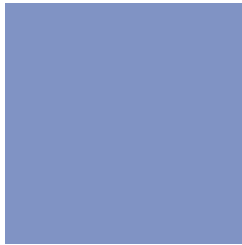
33, 62.466, 22.262



3, 14.538, 4.507

Previews

White Background



This preview shows how the CIELCh color 61, 28.009, 280.561 looks on a white background.

Color Contrast Check

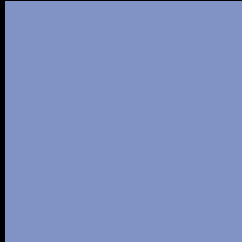
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.009, 280.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

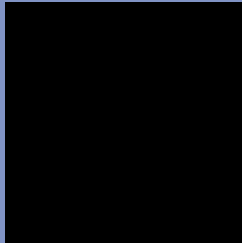
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

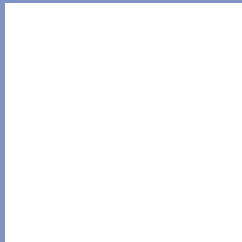
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 28.009, 280.561

Background



This preview shows how black text looks on a background with the CIELCh color 61, 28.009, 280.561.



This preview shows how white text looks on a background with the CIELCh color 61, 28.009, 280.561.

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, 28.009, 280.561

Protanopia

61, 27.752, 285.057

Deuteranopia

61, 28.825, 286.159



Tritanopia
61, 12.899, 230.339

Trichromacy



Original Color
61, 28.009, 280.561

Protanomaly
61, 27.840, 283.099

Deuteranomaly
61, 28.346, 284.010

Tritanomaly
61, 16.524, 257.825

Monochromacy



Original Color
61, 28.009, 280.561

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 10.407, 277.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 28.009, 280.561 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(128, 147, 196)` looks like.

```
.text, #text, p{  
    color:rgb(128, 147, 196)  
}
```

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(128, 147, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 147, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 28.009, 280.561 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(128, 147, 196) }
```

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

```
.border{ border-color:rgb(128, 147, 196) }
```

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

Here you see how a box with a 4 pixel rgb(128, 147, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 147, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 147, 196);  
box-shadow:4px 4px 4px 4px rgb(128, 147,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 28.009, 280.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 147, 196) }
```

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

```
.background{ background-color: rgb(128,  
147, 196) }
```

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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