

Converting Colors

CIELCh(61, 18.909, 269.985)

Have a look what the booklet for
CIELCh(61, 18.909, 269.985)
contains.

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Color

CIELCh(61, 18.601, 269.554)

Conversions

Conversions Part 1

Format	Color
Hex	8095B4
RGB	128, 149, 180
RGB Percent	50%, 58%, 71%
CMY	0.4992, 0.4169, 0.2953
CMYK	0.29, 0.17, 0.00, 0.30
HSL	216°, 26%, 60%
HSV	216°, 29%, 70%
XYZ	27.7631, 29.2481, 47.1949
YIQ	146.2550, -22.4670, 5.1890

Conversions

Conversions Part 2

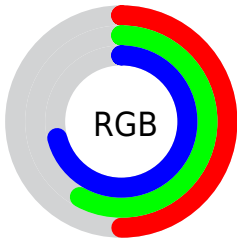
Format	Color
R_{YB}	128, 143, 180
Decimal	8426932
CIE _{Lab}	61.00, -0.14, -18.60
CIE _{LCh}	61, 18.601, 269.554
Yxy	29.2481, 0.2664, 0.2807
Android (android.graphics.Color)	4286617012 (0xFF8095B4)
YUV	146.2550, 16.6363, -16.0096
Hunter-Lab	54.0815, -3.0086, -13.8831

Details

The CIELCh color $61, 18.601, 269.554$ is a light color, and the websafe version is hex `6699CC`. A complement of this color would be $66, 19.243, 81.317$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 18.647, 269.867$, and $41, 18.729, 270.006$ is the 20% darker color. If you saturate the color by 10%, you get $57, 25.090, 271.642$, and if you desaturate by 10%, it is $65, 12.140, 267.775$.

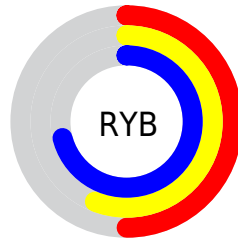
Distribution



Red (50%)

Green (58%)

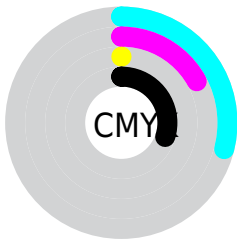
Blue (71%)



Red (50%)

Yellow (56%)

Blue (71%)

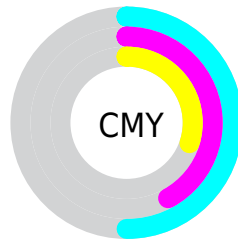


Cyan (29%)

Magenta (17%)

Yellow (0%)

Black (30%)



Cyan (50%)

Magenta (42%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 18.601, 269.554 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, 18.601, 269.554 by changing the saturation by 10% instead.

■ 61, 18.601,
269.554

■ 61, 18.601,
269.554

■ 100, 18.601,
269.554

■ 51, 18.601,
269.554

■ 81, 18.601,
269.554

■ 41, 18.601,
269.554

■ 91, 18.601,
269.554

■ 31, 18.601,
269.554

■ 21, 18.601,
269.554

■ 11, 18.601,
269.554

■ 1, 18.601, 269.554

■ 0, 18.601, 269.554

61, 18.601,
269.554

61, 18.601,
269.554

57, 25.090,
271.642

65, 12.140,
267.775

53, 31.615,
274.092

69, 5.713, 266.277

74, 0.673, 84.522

49, 38.194,
276.941

78, 7.009, 83.760

45, 44.864,
280.200

82, 13.288, 82.802

41, 51.671,
283.836

86, 19.500, 81.956

91, 25.640, 81.209

38, 58.652,
287.744

93, 29.159, 91.896

34, 65.805,
291.666

96, 33.360,
100.956

34, 66.581,

Harmonies

Complementary

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



61, 18.601, 269.554



66, 19.243, 81.317

Rectangle

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



61, 18.601, 269.554



61, 18.601, 319.554



61, 18.601, 89.554



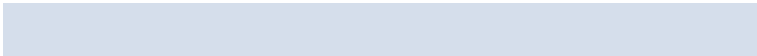
61, 18.601, 139.554

Sweetspot

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



61, 18.600, 269.552



88, 7.151, 266.307



69, 22.483, 165.649



46, 4.967, 266.506



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



61, 18.600, 269.552



75, 27.993, 270.909



56, 29.925, 296.422



36, 3.604, 266.329



29, 58.346, 291.517



3, 9.558, 272.801

Inverse Universe

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



59, 23.537, 352.087



72, 35.510, 352.949



72, 27.954, 111.053



35, 4.472, 349.951



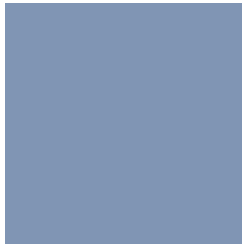
32, 57.808, 10.450



2, 10.105, 355.134

Previews

White Background



This preview shows how the CIELCh color 61, 18.601, 269.554 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, 18.601, 269.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

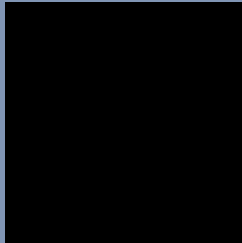
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

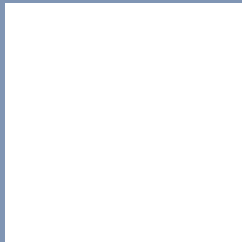
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 18.601, 269.554

Background



This preview shows how black text looks on a background with the CIELCh color 61, 18.601, 269.554.



This preview shows how white text looks on a background with the CIELCh color 61, 18.601, 269.554.

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, 18.601, 269.554

Protanopia

61, 18.091, 285.508

Deuteranopia

61, 20.865, 292.465



Tritanopia
61, 11.839, 237.137

Trichromacy



Original Color
61, 18.601, 269.554

Protanomaly
61, 18.301, 280.164

Deuteranomaly
61, 19.828, 284.348

Tritanomaly
61, 13.985, 252.920

Monochromacy



Original Color
61, 18.601, 269.554

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 6.812, 265.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 18.601, 269.554 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, 149, 180)` looks like.

```
.text, #text, p{  
    color:rgb(128, 149, 180)  
}
```

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, 149, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 149, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 18.601, 269.554 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, 149, 180) }
```

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

```
.border{ border-color:rgb(128, 149, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 149, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 149, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 149, 180);  
box-shadow:4px 4px 4px 4px rgb(128, 149,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 18.601, 269.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 149, 180) }
```

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

```
.background{ background-color: rgb(128,  
149, 180) }
```

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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