

Converting Colors

CIELCh(61, 16.438, 250.869)

Have a look what the booklet for
CIELCh(61, 16.438, 250.869)
contains.

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Color

CIELCh(61, 16.369, 251.474)

Conversions

Conversions Part 1

Format	Color
Hex	7897AE
RGB	120, 151, 174
RGB Percent	47%, 59%, 68%
CMY	0.5288, 0.4072, 0.3170
CMYK	0.31, 0.13, 0.00, 0.32
HSL	206°, 25%, 58%
HSV	206°, 31%, 68%
XYZ	26.5129, 29.2481, 44.3723
YIQ	144.3530, -25.8590, 0.5810

Conversions

Conversions Part 2

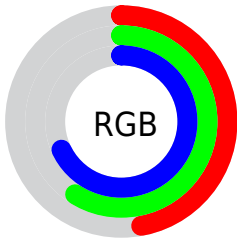
Format	Color
R_{YB}	120, 140, 174
Decimal	7903150
CIE _{Lab}	61.00, -5.20, -15.52
CIE _{LCh}	61, 16.369, 251.474
Yxy	29.2481, 0.2648, 0.2921
Android (android.graphics.Color)	4286093230 (0xFF7897AE)
YUV	144.3530, 14.6160, -21.3576
Hunter-Lab	54.0815, -7.1348, -10.7886

Details

The CIELCh color $61, 16.369, 251.474$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $62, 18.548, 63.680$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 16.506, 252.877$, and $41, 16.665, 252.397$ is the 20% darker color. If you saturate the color by 10%, you get $58, 21.288, 253.547$, and if you desaturate by 10%, it is $64, 11.251, 249.758$.

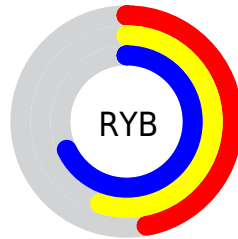
Distribution



Red (47%)

Green (59%)

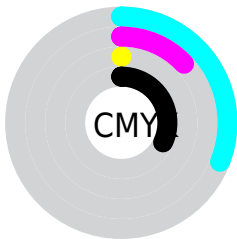
Blue (68%)



Red (47%)

Yellow (55%)

Blue (68%)

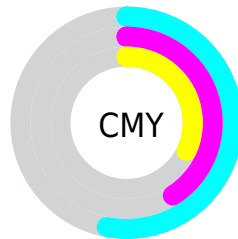


Cyan (31%)

Magenta (13%)

Yellow (0%)

Black (32%)



Cyan (53%)

Magenta (41%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 16.369, 251.474 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, 16.369, 251.474 by changing the saturation by 10% instead.

■ 61, 16.369,
251.474

■ 61, 16.369,
251.474

■ 100, 16.369,
251.474

■ 51, 16.369,
251.474

■ 81, 16.369,
251.474

■ 41, 16.369,
251.474

■ 91, 16.369,
251.474

■ 31, 16.369,
251.474

■ 21, 16.369,
251.474

■ 11, 16.369,
251.474

■ 1, 16.369, 251.474

■ 0, 16.369, 251.474

61, 16.369,
251.474

61, 16.369,
251.474

58, 21.288,
253.547

64, 11.251,
249.758

55, 25.982,
256.053

68, 5.968, 248.360

71, 0.557, 247.794

52, 30.442,
259.057

74, 4.950, 66.031

49, 34.686,
262.607

78, 10.523, 65.232

46, 38.770,
266.712

81, 16.138, 64.530

84, 21.774, 63.925

44, 42.792,
271.300

87, 26.115, 66.091

41, 46.492,
275.548

89, 27.188, 75.620

Harmonies

Complementary

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



61, 16.369, 251.474



62, 18.548, 63.680

Rectangle

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



61, 16.369, 251.474



61, 16.369, 301.474



61, 16.369, 71.474



61, 16.369, 121.474

Sweetspot

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



61, 16.368, 251.471



87, 6.065, 248.136



67, 26.724, 156.721



46, 4.241, 248.308



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



61, 16.368, 251.471



75, 23.961, 252.805



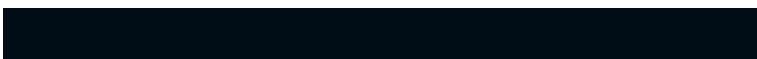
54, 28.598, 290.597



35, 3.064, 248.153



36, 41.327, 274.915



3, 6.954, 257.708

Inverse Universe

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



57, 27.203, 342.473



69, 40.202, 343.151



69, 26.901, 103.399



34, 4.885, 340.535



32, 58.483, 354.570



2, 9.566, 344.815

Previews

White Background



This preview shows how the CIELCh color 61, 16.369, 251.474 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, 16.369, 251.474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

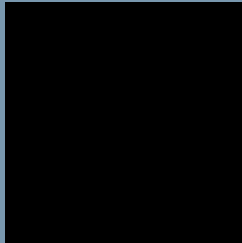
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

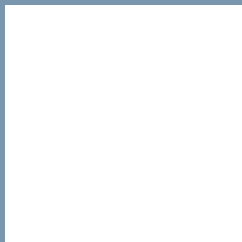
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 16.369, 251.474

Background



This preview shows how black text looks on a background with the CIELCh color 61, 16.369, 251.474.



This preview shows how white text looks on a background with the CIELCh color 61, 16.369, 251.474.

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, 16.369, 251.474

Protanopia

61, 13.566, 285.597

Deuteranopia

61, 18.100, 295.536



Tritanopia
61, 13.720, 228.143

Trichromacy



Original Color
61, 16.369, 251.474

Protanomaly
61, 14.243, 271.420

Deuteranomaly
61, 16.055, 279.299

Tritanomaly
61, 14.269, 238.003

Monochromacy



Original Color
61, 16.369, 251.474

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.435, 251.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 16.369, 251.474 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(120, 151, 174)` looks like.

```
.text, #text, p{  
    color:rgb(120, 151, 174)  
}
```

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(120, 151, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 151, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 16.369, 251.474 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(120, 151, 174) }
```

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

```
.border{ border-color:rgb(120, 151, 174) }
```

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

Here you see how a box with a 4 pixel rgb(120, 151, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 151, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 151, 174);  
box-shadow:4px 4px 4px 4px rgb(120, 151,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 16.369, 251.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 151, 174) }
```

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

```
.background{ background-color: rgb(120,  
151, 174) }
```

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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