

Converting Colors

CIELCh(61, 24.985, 255.747)

Have a look what the booklet for
CIELCh(61, 24.985, 255.747)
contains.

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Color

CIELCh(61, 24.985, 255.747)

Conversions

Conversions Part 1

Format	Color
Hex	6898BD
RGB	104, 152, 189
RGB Percent	41%, 60%, 74%
CMY	0.5905, 0.4023, 0.2572
CMYK	0.45, 0.20, 0.00, 0.26
HSL	206°, 39%, 58%
HSV	206°, 45%, 74%
XYZ	26.2822, 29.2481, 52.6451
YIQ	141.8660, -40.4850, 1.3310

Conversions

Conversions Part 2

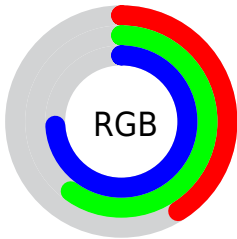
Format	Color
RYB	104, 135, 189
Decimal	6854845
CIELab	61.00, -6.15, -24.22
CIELCh	61, 24.985, 255.747
Yxy	29.2481, 0.2430, 0.2704
Android (android.graphics.Color)	4285044925 (0xFF6898BD)
YUV	141.8660, 23.2371, -33.2085
Hunter-Lab	54.0815, -7.8963, -19.8581

Details

The CIELCh color `61, 24.985, 255.747` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `63, 30.018, 63.228`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 24.848, 255.850`, and `41, 25.270, 256.410` is the 20% darker color. If you saturate the color by 10%, you get `58, 29.997, 258.486`, and if you desaturate by 10%, it is `64, 19.739, 253.468`.

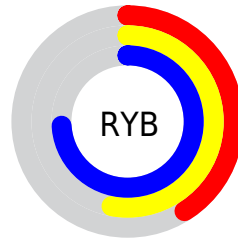
Distribution



Red (41%)

Green (60%)

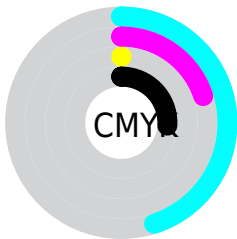
Blue (74%)



Red (41%)

Yellow (53%)

Blue (74%)

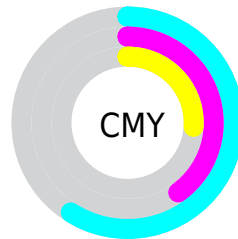


Cyan (45%)

Magenta (20%)

Yellow (0%)

Black (26%)



Cyan (59%)

Magenta (40%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 24.985, 255.747 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, 24.985, 255.747 by changing the saturation by 10% instead.

■ 61, 24.985,
255.747

■ 61, 24.985,
255.747

■ 100, 24.985,
255.747

■ 51, 24.985,
255.747

■ 81, 24.985,
255.747

■ 41, 24.985,
255.747

■ 91, 24.985,
255.747

■ 31, 24.985,
255.747

■ 21, 24.985,
255.747

■ 11, 24.985,
255.747

■ 1, 24.985, 255.747

■ 0, 24.985, 255.747

61, 24.985,
255.747

61, 24.985,
255.747

58, 29.997,
258.486

64, 19.739,
253.468

55, 34.781,
261.748

68, 14.282,
251.583

51, 39.373,
265.564

71, 8.646, 250.031

49, 43.857,
269.908

75, 2.866, 248.818

79, 3.022, 67.452

46, 48.350,
274.660

82, 8.986, 66.619

45, 50.728,
277.060

86, 14.999, 65.855

90, 20.771, 65.927

92, 22.173, 78.995

Harmonies

Complementary

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



61, 24.985, 255.747



63, 30.018, 63.228

Rectangle

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



61, 24.985, 255.747



61, 24.985, 305.747



61, 24.985, 75.747



61, 24.985, 125.747

Sweetspot

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



61, 24.984, 255.746



92, 9.401, 249.803



71, 40.292, 155.853



48, 6.615, 250.112



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



61, 24.984, 255.746



74, 36.661, 258.489



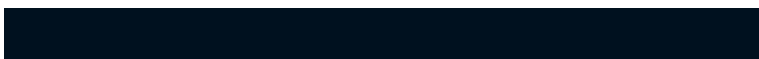
49, 46.460, 293.855



38, 3.303, 249.307



37, 43.846, 276.334



5, 10.831, 262.523

Inverse Universe

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



55, 41.606, 344.510



66, 61.107, 345.807



74, 41.894, 102.785



37, 5.205, 341.015



34, 60.392, 355.561



3, 14.508, 347.785

Previews

White Background



This preview shows how the CIELCh color 61, 24.985, 255.747 looks on a white background.

Color Contrast Check

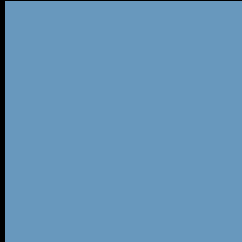
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.985, 255.747 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

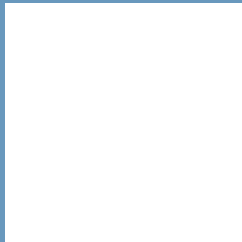
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 24.985, 255.747

Background



This preview shows how black text looks on a background with the CIELCh color 61, 24.985, 255.747.

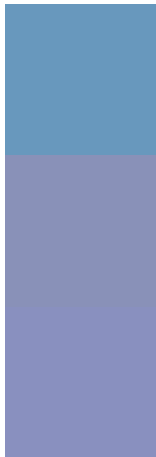


This preview shows how white text looks on a background with the CIELCh color 61, 24.985, 255.747.

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, 24.985, 255.747

Protanopia

61, 22.074, 285.503

Deuteranopia

61, 26.531, 288.035



Tritanopia
61, 20.025, 219.514

Trichromacy



Original Color
61, 24.985, 255.747

Protanomaly
61, 22.426, 272.706

Deuteranomaly
61, 24.990, 276.154

Tritanomaly
61, 20.785, 233.092

Monochromacy



Original Color
61, 24.985, 255.747

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 9.675, 248.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 24.985, 255.747 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(104, 152, 189)` looks like.

```
.text, #text, p{  
    color:rgb(104, 152, 189)  
}
```

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(104, 152, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 152, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 24.985, 255.747 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(104, 152, 189) }
```

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

```
.border{ border-color:rgb(104, 152, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 152, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 152, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 152, 189);  
box-shadow:4px 4px 4px 4px rgb(104, 152,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 24.985, 255.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 152, 189) }
```

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

```
.background{ background-color: rgb(104,  
152, 189) }
```

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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