

Converting Colors

CIELCh(61, 23.922, 257.207)

Have a look what the booklet for
CIELCh(61, 23.922, 257.207)
contains.

CIELCh(61, 23.978, 256.985)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 23.978, 256.985)

Conversions

Conversions Part 1

Format	Color
Hex	6C98BC
RGB	108, 152, 188
RGB Percent	42%, 60%, 74%
CMY	0.5767, 0.4042, 0.2630
CMYK	0.43, 0.19, 0.00, 0.26
HSL	207°, 37%, 58%
HSV	207°, 43%, 74%
XYZ	26.4645, 29.2481, 51.7906
YIQ	142.9480, -37.7800, 1.8680

Conversions

Conversions Part 2

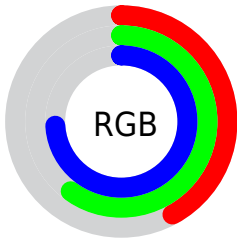
Format	Color
R _Y B	108, 136, 188
Decimal	7116988
CIE Lab	61.00, -5.40, -23.36
CIE LCh	61, 23.978, 256.985
Yxy	29.2481, 0.2462, 0.2721
Android (android.graphics.Color)	4285307068 (0xFF6C98BC)
YUV	142.9480, 22.2106, -30.6494
Hunter-Lab	54.0815, -7.2946, -18.9214

Details

The CIELCh color `61, 23.978, 256.985` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `63, 28.170, 64.992`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 23.976, 256.720`, and `41, 24.260, 257.509` is the 20% darker color. If you saturate the color by 10%, you get `58, 29.148, 259.631`, and if you desaturate by 10%, it is `64, 18.604, 254.778`.

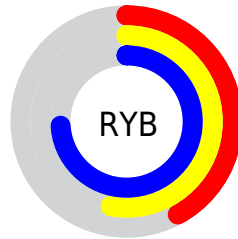
Distribution



Red (42%)

Green (60%)

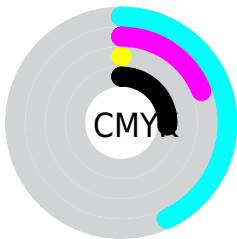
Blue (74%)



Red (42%)

Yellow (53%)

Blue (74%)

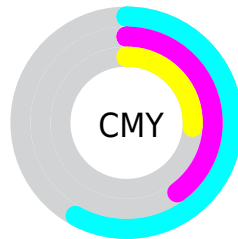


Cyan (43%)

Magenta (19%)

Yellow (0%)

Black (26%)



Cyan (58%)

Magenta (40%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 23.978, 256.985 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, 23.978, 256.985 by changing the saturation by 10% instead.

■ 61, 23.978,
256.985

■ 61, 23.978,
256.985

■ 100, 23.978,
256.985

■ 51, 23.978,
256.985

■ 81, 23.978,
256.985

■ 41, 23.978,
256.985

■ 91, 23.978,
256.985

■ 31, 23.978,
256.985

■ 21, 23.978,
256.985

■ 11, 23.978,
256.985

■ 1, 23.978, 256.985

■ 0, 23.978, 256.985

61, 23.978,
256.985

61, 23.978,
256.985

58, 29.148,
259.631

64, 18.604,
254.778

54, 34.116,
262.779

68, 13.049,
252.947

51, 38.915,
266.464

72, 7.342, 251.438

48, 43.614,
270.669

75, 1.516, 250.360

79, 4.396, 68.937

45, 48.322,
275.295

83, 10.367, 68.075

43, 51.928,
278.765

86, 16.370, 67.310

90, 21.512, 69.149

92, 23.210, 81.781

Harmonies

Complementary

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



61, 23.978, 256.985



63, 28.170, 64.992

Rectangle

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



61, 23.978, 256.985



61, 23.978, 306.985



61, 23.978, 76.985



61, 23.978, 126.985

Sweetspot

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



61, 23.977, 256.984



91, 9.409, 251.527



70, 38.092, 156.147



47, 6.567, 251.839



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



61, 23.977, 256.984



74, 35.095, 259.421



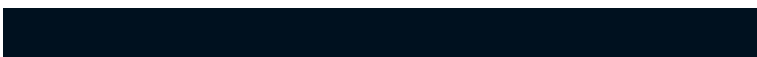
50, 43.579, 293.397



38, 3.332, 251.020



37, 45.152, 278.079



4, 10.988, 263.966

Inverse Universe

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



56, 38.968, 345.037



67, 57.143, 346.224



73, 39.580, 103.019



37, 5.153, 341.745



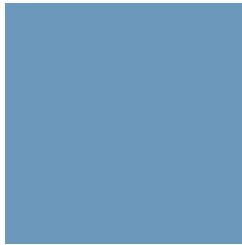
34, 60.094, 356.852



3, 14.372, 348.648

Previews

White Background



This preview shows how the CIELCh color 61, 23.978, 256.985 looks on a white background.

Color Contrast Check

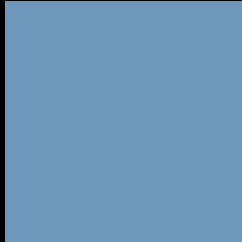
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.978, 256.985 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, 23.978, 256.985

Background



This preview shows how black text looks on a background with the CIELCh color 61, 23.978, 256.985.

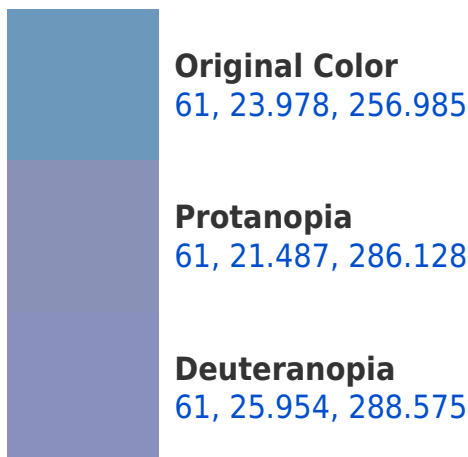



This preview shows how white text looks on a background with the CIELCh color 61, 23.978, 256.985.

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





Tritanopia
61, 18.749, 221.183

Trichromacy



Original Color
61, 23.978, 256.985

Protanomaly
61, 21.722, 273.672

Deuteranomaly
61, 24.310, 277.085

Tritanomaly
61, 19.683, 235.484

Monochromacy



Original Color
61, 23.978, 256.985

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 9.238, 252.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 23.978, 256.985 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(108, 152, 188)` looks like.

```
.text, #text, p{  
    color:rgb(108, 152, 188)  
}
```

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(108, 152, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 152, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 23.978, 256.985 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(108, 152, 188) }
```

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

```
.border{ border-color:rgb(108, 152, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 152, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 152, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 152, 188);  
box-shadow:4px 4px 4px 4px rgb(108, 152,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 23.978, 256.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 152, 188) }
```

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

```
.background{ background-color: rgb(108,  
152, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor