

Converting Colors

CIELCh(61, 23.723, 255.599)

Have a look what the booklet for
CIELCh(61, 23.723, 255.599)
contains.

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Color

CIELCh(61, 23.702, 255.480)

Conversions

Conversions Part 1

Format	Color
Hex	6B98BB
RGB	107, 152, 187
RGB Percent	42%, 60%, 73%
CMY	0.5797, 0.4032, 0.2659
CMYK	0.43, 0.19, 0.00, 0.27
HSL	206°, 37%, 58%
HSV	206°, 43%, 73%
XYZ	26.3328, 29.2481, 51.3767
YIQ	142.5350, -38.0550, 1.3450

Conversions

Conversions Part 2

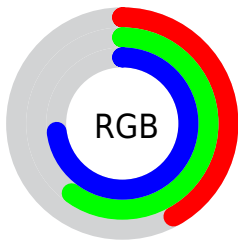
Format	Color
RYB	107, 136, 187
Decimal	7051451
CIELab	61.00, -5.94, -22.94
CIELCh	61, 23.702, 255.480
Yxy	29.2481, 0.2462, 0.2735
Android (android.graphics.Color)	4285241531 (0xFF6B98BB)
YUV	142.5350, 21.9212, -31.1642
Hunter-Lab	54.0815, -7.7293, -18.4675

Details

The CIELCh color `61, 23.702, 255.480` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `63, 28.145, 63.677`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 23.725, 255.281`, and `41, 23.937, 255.971` is the 20% darker color. If you saturate the color by 10%, you get `58, 28.736, 258.114`, and if you desaturate by 10%, it is `64, 18.443, 253.289`.

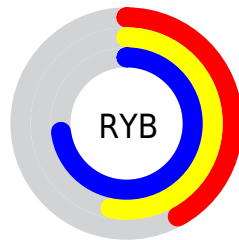
Distribution



Red (42%)

Green (60%)

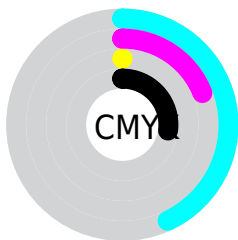
Blue (73%)



Red (42%)

Yellow (53%)

Blue (73%)

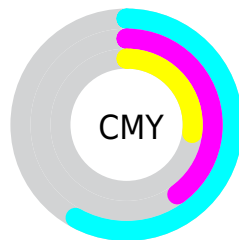


Cyan (43%)

Magenta (19%)

Yellow (0%)

Black (27%)



Cyan (58%)


Magenta (40%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 23.702, 255.480 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, 23.702, 255.480 by changing the saturation by 10% instead.

 61, 23.702,
255.480


 61, 23.702,
255.480


 100, 23.702,
255.480


 51, 23.702,
255.480


 81, 23.702,
255.480

 41, 23.702,
255.480

 91, 23.702,
255.480

 31, 23.702,
255.480

 21, 23.702,
255.480

 11, 23.702,
255.480

 1, 23.702, 255.480

 0, 23.702, 255.480

61, 23.702,
255.480

61, 23.702,
255.480

58, 28.736,
258.114

64, 18.443,
253.289

54, 33.545,
261.258

68, 12.985,
251.478

51, 38.158,
264.950

71, 7.359, 249.989

49, 42.645,
269.178

75, 1.601, 248.922

79, 4.255, 67.525

46, 47.119,
273.846

82, 10.178, 66.686

44, 50.461,
277.273

86, 16.143, 65.942

89, 21.591, 66.734

91, 23.017, 79.189

Harmonies

Complementary

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



61, 23.702, 255.480



63, 28.145, 63.677

Rectangle

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



61, 23.702, 255.480



61, 23.702, 305.480



61, 23.702, 75.480



61, 23.702, 125.480

Sweetspot

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



61, 23.701, 255.479



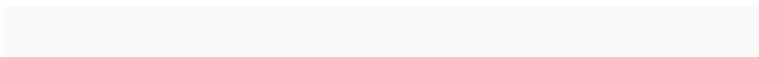
90, 9.256, 250.053



70, 38.115, 156.127



47, 6.513, 250.360



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, 23.701, 255.479



74, 34.322, 257.852



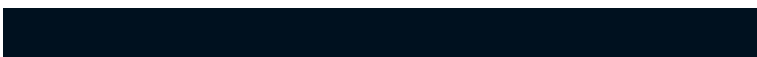
50, 43.628, 293.428



38, 3.307, 249.557



37, 44.033, 276.592



5, 10.854, 262.736

Inverse Universe

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



55, 39.282, 344.368



66, 57.061, 345.502



73, 39.605, 103.003



37, 5.197, 341.120



34, 60.347, 355.746



3, 14.488, 347.910

Previews

White Background



This preview shows how the CIELCh color 61, 23.702, 255.480 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, 23.702, 255.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

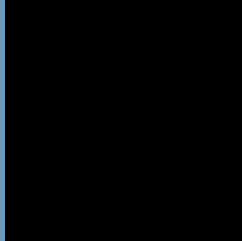
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

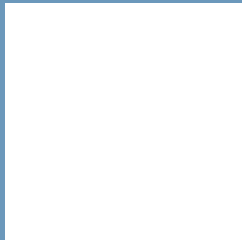
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 23.702, 255.480

Background



This preview shows how black text looks on a background with the CIELCh color 61, 23.702, 255.480.

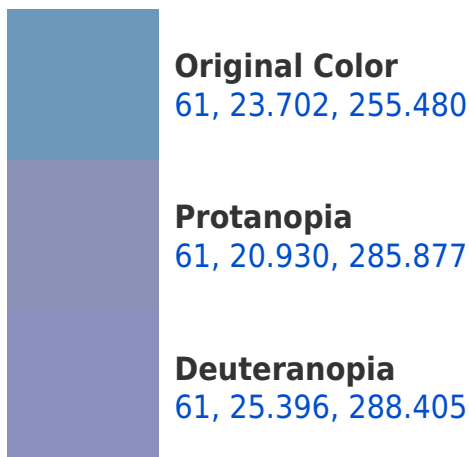


This preview shows how white text looks on a background with the CIELCh color 61, 23.702, 255.480.

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, 18.875, 219.102

Trichromacy



Original Color
61, 23.702, 255.480

Protanomaly
61, 21.200, 273.068

Deuteranomaly
61, 23.777, 276.611

Tritanomaly
61, 19.642, 233.445

Monochromacy



Original Color
61, 23.702, 255.480

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, 23.702, 255.480 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(107, 152, 187)` looks like.

```
.text, #text, p{  
    color:rgb(107, 152, 187)  
}
```

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(107, 152, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 152, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 23.702, 255.480 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(107, 152, 187) }
```

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

```
.border{ border-color:rgb(107, 152, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 152, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 152, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 152, 187);  
box-shadow:4px 4px 4px 4px rgb(107, 152,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 23.702, 255.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 152, 187) }
```

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

```
.background{ background-color: rgb(107,  
152, 187) }
```

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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