

Converting Colors

CIELCh(61, 23.604, 226.522)

Have a look what the booklet for
CIELCh(61, 23.604, 226.522)
contains.

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Color

CIELCh(61, 23.598, 226.563)

Conversions

Conversions Part 1

Format	Color
Hex	589DB1
RGB	88, 157, 177
RGB Percent	35%, 62%, 69%
CMY	0.6560, 0.3854, 0.3069
CMYK	0.50, 0.11, 0.00, 0.31
HSL	193°, 36%, 52%
HSV	193°, 50%, 69%
XYZ	23.9186, 29.2481, 45.8376
YIQ	138.6490, -47.5440, -8.4080

Conversions

Conversions Part 2

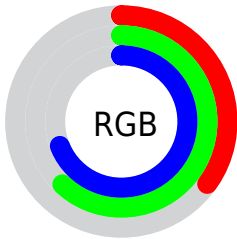
Format	Color
R_{YB}	88, 127, 177
Decimal	5807537
CIE _{Lab}	61.00, -16.22, -17.14
CIE _{LCh}	61, 23.598, 226.563
Yxy	29.2481, 0.2416, 0.2954
Android (android.graphics.Color)	4283997617 (0xFF589DB1)
YUV	138.6490, 18.9070, -44.4192
Hunter-Lab	54.0815, -15.6978, -12.3950

Details

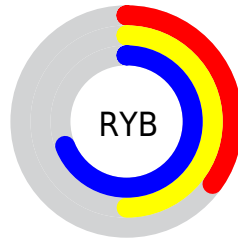
The CIELCh color $61, 23.598, 226.563$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $53, 34.087, 42.014$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 23.769, 226.313$, and $41, 23.605, 225.118$ is the 20% darker color. If you saturate the color by 10%, you get $59, 26.825, 228.329$, and if you desaturate by 10%, it is $63, 19.791, 225.199$.

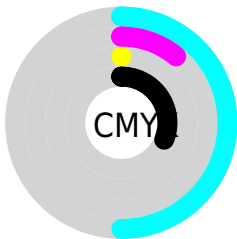
Distribution



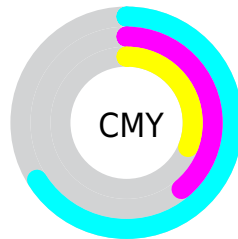
- Red (35%)
- Green (62%)
- Blue (69%)



- Red (35%)
- Yellow (50%)
- Blue (69%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)





- Cyan (66%)
- Magenta (39%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 23.598, 226.563 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, 23.598, 226.563 by changing the saturation by 10% instead.


 61, 23.598,
226.563


 61, 23.598,
226.563


 100, 23.598,
226.563


 51, 23.598,
226.563


 81, 23.598,
226.563

 41, 23.598,
226.563

 91, 23.598,
226.563

 31, 23.598,
226.563

 21, 23.598,
226.563

 11, 23.598,
226.563

 1, 23.598, 226.563

 0, 23.598, 226.563

61, 23.598,
226.563

61, 23.598,
226.563

59, 26.825,
228.329

63, 19.791,
225.199

57, 29.432,
230.589

65, 15.472,
224.168

56, 31.420,
233.426

67, 10.717,
223.405

54, 32.847,
236.906

70, 5.603, 222.876

53, 33.892,
240.743

72, 0.203, 224.794

74, 5.420, 42.007

77, 11.209, 41.869

80, 17.120, 41.776

82, 23.113, 41.733

Harmonies

Complementary

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



61, 23.598, 226.563



53, 34.087, 42.014

Rectangle

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



61, 23.598, 226.563



61, 23.598, 276.563



61, 23.598, 46.563



61, 23.598, 96.563

Sweetspot

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



61, 23.597, 226.561



87, 9.905, 223.105



65, 50.364, 146.632



45, 6.713, 223.219



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, 23.597, 226.561



75, 32.849, 228.464



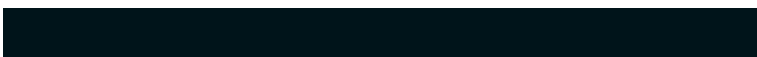
48, 37.881, 283.733



37, 3.095, 222.836



46, 30.415, 240.201



5, 7.481, 233.105

Inverse Universe

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



50, 50.052, 334.846



60, 71.539, 335.691



64, 36.847, 88.522



35, 5.773, 331.958



34, 66.533, 339.488



2, 13.028, 334.823

Previews

White Background



This preview shows how the CIE LCh color 61, 23.598, 226.563 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 CIELCh color 61, 23.598, 226.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

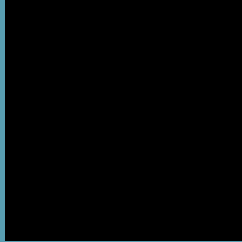
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 23.598, 226.563

Background



This preview shows how black text looks on a background with the CIELCh color 61, 23.598, 226.563.

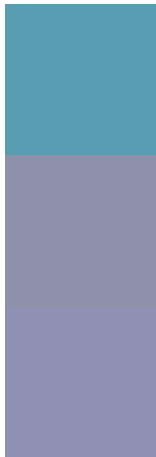


This preview shows how white text looks on a background with the CIELCh color 61, 23.598, 226.563.

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, 23.598, 226.563

Protanopia

61, 13.557, 287.114

Deuteranopia

61, 20.899, 293.432



Tritanopia
61, 23.390, 215.995

Trichromacy



Original Color
61, 23.598, 226.563

Protanomaly
60, 15.655, 255.266

Deuteranomaly
61, 18.974, 266.846

Tritanomaly
61, 23.343, 219.051

Monochromacy



Original Color
61, 23.598, 226.563

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 9.807, 222.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 23.598, 226.563 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(88, 157, 177)` looks like.

```
.text, #text, p{  
    color:rgb(88, 157, 177)  
}
```

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(88, 157, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 157, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 23.598, 226.563 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(88, 157, 177) }
```

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

```
.border{ border-color:rgb(88, 157, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 157, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 157, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 157, 177);  
box-shadow:4px 4px 4px 4px rgb(88, 157,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 23.598, 226.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 157, 177) }
```

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

```
.background{ background-color: rgb(88, 157,  
177) }
```

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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