

Converting Colors

CIELCh(61, 23.334, 219.100)

Have a look what the booklet for
CIELCh(61, 23.334, 219.100)
contains.

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Color

CIELCh(61, 23.335, 219.080)

Conversions

Conversions Part 1

Format	Color
Hex	569DAC
RGB	86, 157, 172
RGB Percent	34%, 62%, 67%
CMY	0.6610, 0.3827, 0.3238
CMYK	0.50, 0.09, 0.00, 0.32
HSL	190°, 34%, 51%
HSV	190°, 50%, 68%
XYZ	23.4917, 29.2481, 43.6489
YIQ	137.4810, -47.1310, -10.3870

Conversions

Conversions Part 2

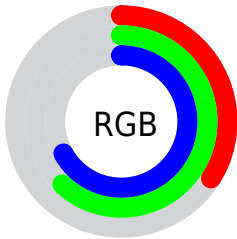
Format	Color
R_{YB}	86, 125, 172
Decimal	5676460
CIE _{Lab}	61.00, -18.11, -14.71
CIE _{LCh}	61, 23.335, 219.080
Yxy	29.2481, 0.2437, 0.3034
Android (android.graphics.Color)	4283866540 (0xFF569DAC)
YUV	137.4810, 17.0179, -45.1488
Hunter-Lab	54.0815, -17.1068, -9.9955

Details

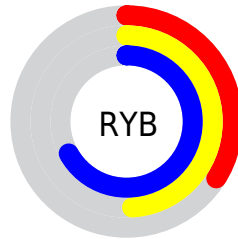
The CIELCh color **61, 23.335, 219.080** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **51, 33.999, 37.628**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 23.403, 218.051**, and **41, 23.419, 218.606** is the 20% darker color. If you saturate the color by 10%, you get **59, 26.468, 220.319**, and if you desaturate by 10%, it is **63, 19.581, 218.159**.

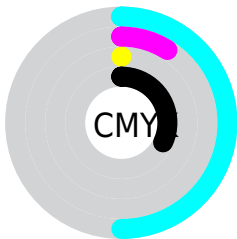
Distribution



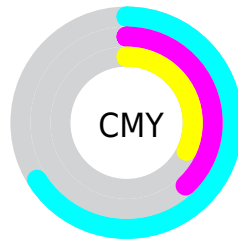
- Red (34%)
- Green (62%)
- Blue (67%)



- Red (34%)
- Yellow (49%)
- Blue (67%)



- Cyan (50%)
- Magenta (9%)
- Yellow (0%)
- Black (32%)





- Cyan (66%)
- Magenta (38%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 23.335, 219.080 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, 23.335, 219.080 by changing the saturation by 10% instead.


 61, 23.335,
219.080


 61, 23.335,
219.080


 100, 23.335,
219.080


 51, 23.335,
219.080


 81, 23.335,
219.080

 41, 23.335,
219.080

 91, 23.335,
219.080

 31, 23.335,
219.080

 21, 23.335,
219.080

 11, 23.335,
219.080

 1, 23.335, 219.080

 0, 23.335, 219.080

61, 23.335,
219.080

61, 23.335,
219.080

59, 26.468,
220.319

63, 19.581,
218.159

58, 28.928,
221.950

64, 15.280,
217.503

57, 30.699,
224.045

66, 10.516,
217.061

56, 31.820,
226.671

68, 5.373, 216.813

55, 32.485,
229.757

71, 0.072, 29.708

73, 5.748, 36.408

54, 32.494,
229.798

75, 11.599, 36.463

77, 17.574, 36.549

80, 23.633, 36.670

Harmonies

Complementary

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



61, 23.335, 219.080



51, 33.999, 37.628

Rectangle

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



61, 23.335, 219.080



61, 23.335, 269.080



61, 23.335, 39.080



61, 23.335, 89.080

Sweetspot

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



61, 23.335, 219.078



85, 9.972, 216.921



64, 50.747, 145.090



45, 6.755, 216.978



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 23.335, 219.078



76, 32.624, 220.492



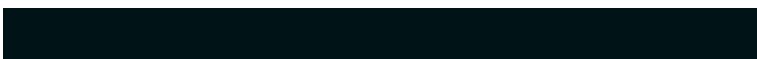
49, 34.323, 280.071



36, 3.101, 216.806



48, 29.386, 229.385



5, 6.490, 224.286

Inverse Universe

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



49, 50.300, 332.808



59, 72.648, 333.568



61, 34.486, 84.613



34, 5.840, 330.183



34, 68.192, 336.484



2, 11.702, 331.983

Previews

White Background



This preview shows how the CIE LCh color 61, 23.335, 219.080 looks on a white background.

Color Contrast Check

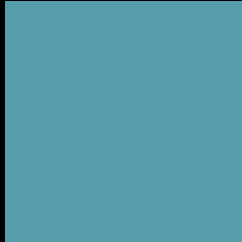
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.335, 219.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

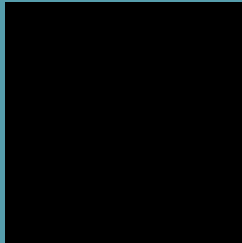
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 23.335, 219.080

Background



This preview shows how black text looks on a background with the CIELCh color 61, 23.335, 219.080.



This preview shows how white text looks on a background with the CIELCh color 61, 23.335, 219.080.

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, 23.335, 219.080

Protanopia

61, 11.281, 289.579

Deuteranopia

61, 18.684, 295.494



Tritanopia
61, 23.322, 214.567

Trichromacy



Original Color
61, 23.335, 219.080

Protanomaly
61, 13.589, 247.412

Deuteranomaly
60, 17.021, 263.060

Tritanomaly
61, 23.390, 215.995

Monochromacy



Original Color
61, 23.335, 219.080

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 9.958, 218.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 23.335, 219.080 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(86, 157, 172)` looks like.

```
.text, #text, p{  
    color:rgb(86, 157, 172)  
}
```

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(86, 157, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 157, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 23.335, 219.080 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(86, 157, 172) }
```

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

```
.border{ border-color:rgb(86, 157, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 157, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 157, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 157, 172);  
box-shadow:4px 4px 4px 4px rgb(86, 157,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 23.335, 219.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 157, 172) }
```

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

```
.background{ background-color: rgb(86, 157,  
172) }
```

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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