

Converting Colors

CIELCh(61, 19.874, 200.192)

Have a look what the booklet for
CIELCh(61, 19.874, 200.192)
contains.

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Color

CIELCh(61, 19.923, 200.941)

Conversions

Conversions Part 1

Format	Color
Hex	629D9F
RGB	98, 157, 159
RGB Percent	38%, 62%, 62%
CMY	0.6154, 0.3840, 0.3762
CMYK	0.38, 0.01, 0.00, 0.38
HSL	182°, 24%, 50%
HSV	182°, 38%, 62%
XYZ	23.3811, 29.2481, 37.2503
YIQ	139.5870, -35.8060, -11.8860

Conversions

Conversions Part 2

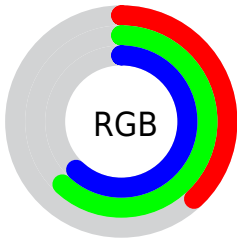
Format	Color
RYB	98, 128, 159
Decimal	6462879
CIELab	61.00, -18.61, -7.12
CIElCh	61, 19.923, 200.941
Yxy	29.2481, 0.2601, 0.3254
Android (android.graphics.Color)	4284652959 (0xFF629D9F)
YUV	139.5870, 9.5706, -36.4718
Hunter-Lab	54.0815, -17.4716, -2.9807

Details

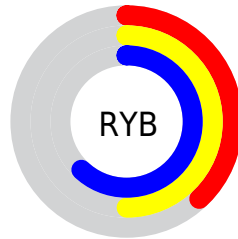
The CIELCh color **61, 19.923, 200.941** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 26.084, 25.246**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 19.879, 201.109**, and **41, 19.815, 202.469** is the 20% darker color. If you saturate the color by 10%, you get **60, 23.929, 200.768**, and if you desaturate by 10%, it is **62, 15.340, 201.195**.

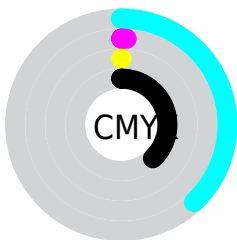
Distribution



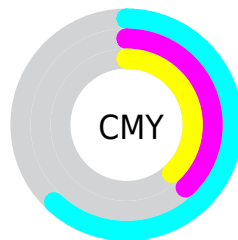
- Red (38%)
- Green (62%)
- Blue (62%)



- Red (38%)
- Yellow (50%)
- Blue (62%)



- Cyan (38%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)





- Cyan (62%)
- Magenta (38%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 19.923, 200.941 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, 19.923, 200.941 by changing the saturation by 10% instead.


 61, 19.923,
200.941


 61, 19.923,
200.941


 100, 19.923,
200.941


 51, 19.923,
200.941


 81, 19.923,
200.941

 41, 19.923,
200.941

 91, 19.923,
200.941

 31, 19.923,
200.941

 21, 19.923,
200.941

 11, 19.923,
200.941

 1, 19.923, 200.941

 0, 19.923, 200.941

61, 19.923,
200.941

61, 19.923,
200.941

60, 23.929,
200.768

62, 15.340,
201.195

59, 27.279,
200.696

63, 10.269,
201.533

59, 29.918,
200.733

64, 4.801, 201.967

58, 31.819,
200.887

66, 0.975, 21.821

67, 6.983, 22.703

58, 33.002,
201.164

69, 13.153, 23.232

58, 33.598,
201.551

71, 19.429, 23.761

72, 25.765, 24.298

58, 33.683,
201.617

74, 32.125, 24.838

Harmonies

Complementary

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



61, 19.923, 200.941



49, 26.084, 25.246

Rectangle

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



61, 19.923, 200.941



61, 19.923, 250.941



61, 19.923, 20.941



61, 19.923, 70.941

Sweetspot

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



61, 19.923, 200.938



81, 8.457, 201.782



60, 41.078, 142.077



43, 5.636, 201.730



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 19.923, 200.938



77, 28.381, 200.787



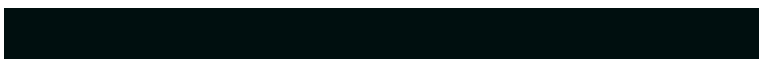
52, 20.346, 263.576



33, 3.230, 201.922



52, 31.136, 201.567



3, 4.296, 202.940

Inverse Universe

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



50, 40.579, 327.387



61, 59.500, 327.813



56, 22.379, 72.431



31, 5.970, 325.806



33, 73.184, 329.549



1, 7.728, 325.539

Previews

White Background



This preview shows how the CIELCh color 61, 19.923, 200.941 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, 19.923, 200.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

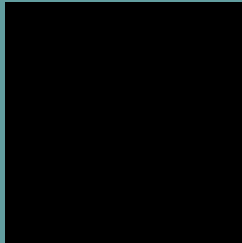
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 19.923, 200.941

Background



This preview shows how black text looks on a background with the CIELCh color 61, 19.923, 200.941.

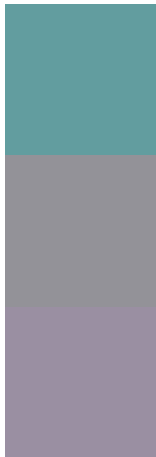


This preview shows how white text looks on a background with the CIELCh color 61, 19.923, 200.941.

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, 19.923, 200.941

Protanopia

61, 3.412, 296.985

Deuteranopia

61, 11.535, 312.257



Tritanopia
61, 19.137, 218.781

Trichromacy



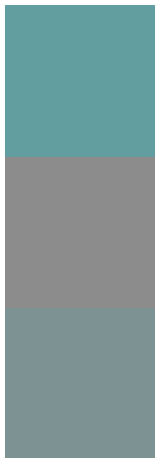
Original Color
61, 19.923, 200.941

Protanomaly
61, 8.137, 219.131

Deuteranomaly
61, 8.810, 255.660

Tritanomaly
61, 19.129, 213.351

Monochromacy



Original Color
61, 19.923, 200.941

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 7.837, 202.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 19.923, 200.941 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(98, 157, 159)` looks like.

```
.text, #text, p{  
    color:rgb(98, 157, 159)  
}
```

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(98, 157, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 157, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 19.923, 200.941 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(98, 157, 159) }
```

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

```
.border{ border-color:rgb(98, 157, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 157, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 157, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 157, 159);  
box-shadow:4px 4px 4px 4px rgb(98, 157,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 19.923, 200.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 157, 159) }
```

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

```
.background{ background-color: rgb(98, 157,  
159) }
```

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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