

Converting Colors

CIELCh(61, 19.832, 205.592)

Have a look what the booklet for
CIELCh(61, 19.832, 205.592)
contains.

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Color

CIELCh(61, 19.832, 205.952)

Conversions

Conversions Part 1

Format	Color
Hex	629DA2
RGB	98, 157, 162
RGB Percent	38%, 62%, 64%
CMY	0.6163, 0.3850, 0.3654
CMYK	0.40, 0.03, 0.00, 0.37
HSL	185°, 26%, 51%
HSV	185°, 40%, 63%
XYZ	23.5551, 29.2481, 38.5091
YIQ	139.9290, -36.7690, -10.9530

Conversions

Conversions Part 2

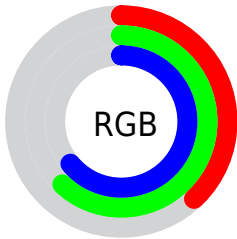
Format	Color
RYB	98, 129, 162
Decimal	6462882
CIELab	61.00, -17.83, -8.68
CIElCh	61, 19.832, 205.952
Yxy	29.2481, 0.2580, 0.3203
Android (android.graphics.Color)	4284652962 (0xFF629DA2)
YUV	139.9290, 10.8810, -36.7717
Hunter-Lab	54.0815, -16.8975, -4.3607

Details

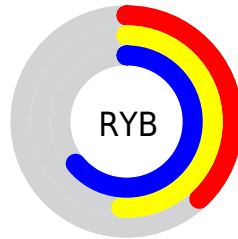
The CIELCh color **61, 19.832, 205.952** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **50, 26.377, 28.823**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 19.834, 205.807**, and **41, 19.997, 204.192** is the 20% darker color. If you saturate the color by 10%, you get **60, 23.636, 206.092**, and if you desaturate by 10%, it is **62, 15.453, 205.943**.

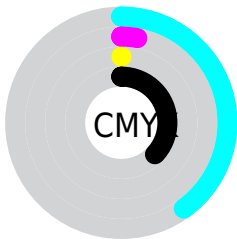
Distribution



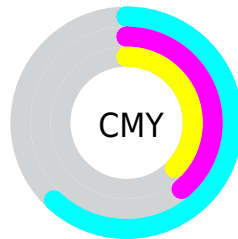
- Red (38%)
- Green (62%)
- Blue (64%)



- Red (38%)
- Yellow (51%)
- Blue (64%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (37%)





- Cyan (62%)
- Magenta (39%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 19.832, 205.952 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, 19.832, 205.952 by changing the saturation by 10% instead.


 61, 19.832,
205.952


 61, 19.832,
205.952


 100, 19.832,
205.952


 51, 19.832,
205.952


 81, 19.832,
205.952

 41, 19.832,
205.952

 91, 19.832,
205.952

 31, 19.832,
205.952

 21, 19.832,
205.952

 11, 19.832,
205.952

 1, 19.832, 205.952

 0, 19.832, 205.952

61, 19.832,
205.952

61, 19.832,
205.952

60, 23.636,
206.092

62, 15.453,
205.943

59, 26.785,
206.396

64, 10.585,
206.054

58, 29.225,
206.887

65, 5.320, 206.285

57, 30.931,
207.592

67, 0.260, 24.625

68, 6.078, 26.688

57, 31.925,
208.536

70, 12.069, 27.083

56, 32.379,
209.687

72, 18.178, 27.482

74, 24.360, 27.895

56, 32.397,
209.740

76, 30.582, 28.320

Harmonies

Complementary

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



61, 19.832, 205.952



50, 26.377, 28.823

Rectangle

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



61, 19.832, 205.952



61, 19.832, 255.952



61, 19.832, 25.952



61, 19.832, 75.952

Sweetspot

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



61, 19.832, 205.949



82, 8.262, 206.208



61, 41.490, 143.303



44, 5.506, 206.177



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 19.832, 205.949



77, 28.143, 206.058



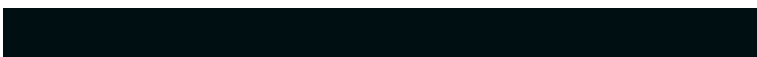
52, 22.564, 268.967



34, 3.177, 206.294



51, 29.964, 209.608



4, 4.963, 208.799

Inverse Universe

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



50, 41.110, 328.830



62, 60.035, 329.282



58, 24.080, 77.174



32, 5.942, 327.111



34, 71.586, 331.538



1, 9.047, 327.323

Previews

White Background



This preview shows how the CIELCh color 61, 19.832, 205.952 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, 19.832, 205.952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

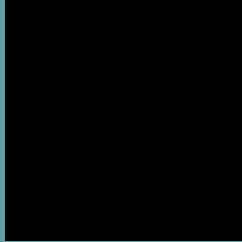
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 19.832, 205.952

Background



This preview shows how black text looks on a background with the CIELCh color 61, 19.832, 205.952.

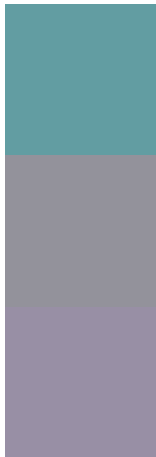


This preview shows how white text looks on a background with the CIELCh color 61, 19.832, 205.952.

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, 19.832, 205.952

Protanopia

61, 5.094, 295.009

Deuteranopia

61, 12.905, 306.493



Tritanopia
61, 19.397, 218.470

Trichromacy



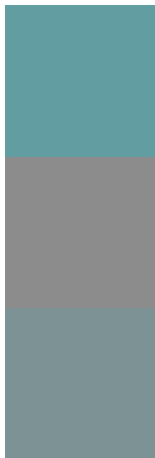
Original Color
61, 19.832, 205.952

Protanomaly
61, 8.521, 226.506

Deuteranomaly
61, 10.552, 258.162

Tritanomaly
61, 19.468, 214.810

Monochromacy



Original Color
61, 19.832, 205.952

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 7.861, 207.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 19.832, 205.952 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(98, 157, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 157, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 19.832, 205.952 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, 162) }
```

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

```
.border{ border-color:rgb(98, 157, 162) }
```

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, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 157, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 157, 162);  
box-shadow:4px 4px 4px 4px rgb(98, 157,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 19.832, 205.952 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, 162) }
```

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

```
.background{ background-color: rgb(98, 157,  
162) }
```

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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