

Converting Colors

CIELCh(62, 29.635, 238.147)

Have a look what the booklet for
CIELCh(62, 29.635, 238.147)
contains.

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Color

CIELCh(62, 29.682, 238.261)

Conversions

Conversions Part 1

Format	Color
Hex	4AA0C2
RGB	74, 160, 194
RGB Percent	29%, 63%, 76%
CMY	0.7107, 0.3733, 0.2400
CMYK	0.62, 0.18, 0.00, 0.24
HSL	197°, 50%, 52%
HSV	197°, 62%, 76%
XYZ	25.0547, 30.4025, 55.4621
YIQ	138.1620, -62.1700, -7.6580

Conversions

Conversions Part 2

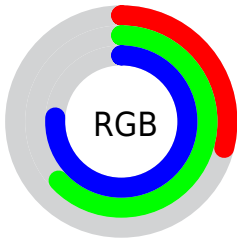
Format	Color
RYB	74, 124, 194
Decimal	4890818
CIELab	62.00, -15.61, -25.24
CIElCh	62, 29.682, 238.261
Yxy	30.4025, 0.2259, 0.2741
Android (android.graphics.Color)	4283080898 (0xFF4AA0C2)
YUV	138.1620, 27.5281, -56.2701
Hunter-Lab	55.1385, -15.3827, -21.0410

Details

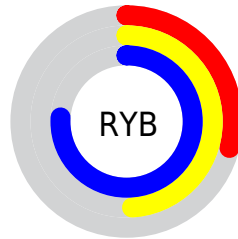
The CIELCh color **62, 29.682, 238.261** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **55, 45.923, 47.402**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 29.821, 238.268**, and **42, 28.553, 240.660** is the 20% darker color. If you saturate the color by 10%, you get **60, 32.726, 241.259**, and if you desaturate by 10%, it is **64, 26.076, 235.851**.

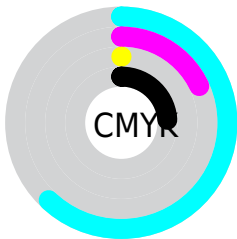
Distribution



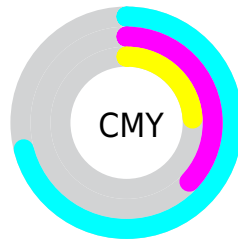
- Red (29%)
- Green (63%)
- Blue (76%)



- Red (29%)
- Yellow (49%)
- Blue (76%)



- Cyan (62%)
- Magenta (18%)
- Yellow (0%)
- Black (24%)





- Cyan (71%)
- Magenta (37%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 29.682, 238.261 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 62, 29.682, 238.261 by changing the saturation by 10% instead.


 62, 29.682,
238.261


 62, 29.682,
238.261


 100, 29.682,
238.261


 52, 29.682,
238.261


 82, 29.682,
238.261

 42, 29.682,
238.261

 92, 29.682,
238.261

 32, 29.682,
238.261

 22, 29.682,
238.261

 12, 29.682,
238.261

 2, 29.682, 238.261

 0, 29.682, 238.261

62, 29.682,
238.261

62, 29.682,
238.261

60, 32.726,
241.259

64, 26.076,
235.851

58, 35.244,
244.920

67, 21.929,
233.939

56, 37.335,
249.268

69, 17.291,
232.438

54, 38.884,
253.099

72, 12.232,
231.270

75, 6.822, 230.383

78, 1.132, 230.038

81, 4.777, 48.938

84, 10.850, 48.571

87, 17.044, 48.261

Harmonies

Complementary

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



62, 29.682, 238.261



55, 45.923, 47.402

Rectangle

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



62, 29.682, 238.261



62, 29.682, 288.261



62, 29.682, 58.261



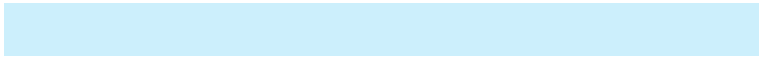
62, 29.682, 108.261

Sweetspot

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



62, 29.681, 238.260



92, 13.224, 231.010



70, 62.866, 146.705



49, 9.105, 231.299



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 29.681, 238.260



76, 40.991, 242.371



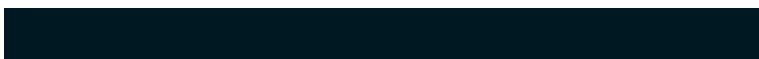
45, 54.703, 289.948



39, 3.259, 230.202



45, 33.650, 252.339



7, 10.476, 242.416

Inverse Universe

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



50, 61.657, 338.524



61, 85.563, 339.991



69, 50.293, 90.634



38, 5.926, 334.208



36, 66.188, 343.452



4, 18.531, 339.237

Previews

White Background



This preview shows how the CIELCh color 62, 29.682, 238.261 looks on a white background.

Color Contrast Check

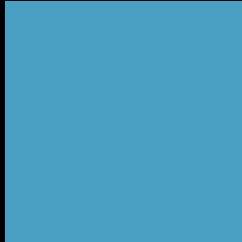
Large Text (above 18pt) WCAG AA × Fail

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 62, 29.682, 238.261 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 ✓ Pass

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

CIELCh 62, 29.682, 238.261

Background



This preview shows how black text looks on a background with the CIELCh color 62, 29.682, 238.261.

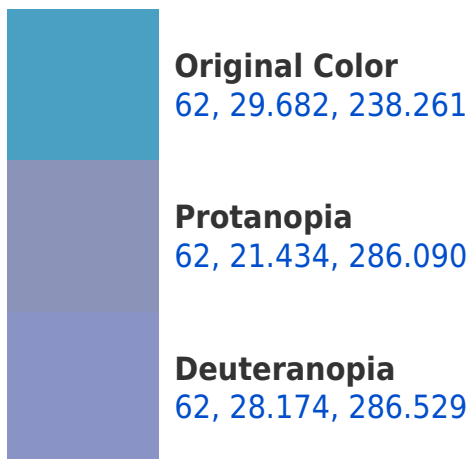


This preview shows how white text looks on a background with the CIELCh color 62, 29.682, 238.261.

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
62, 28.677, 212.065

Trichromacy



Original Color
62, 29.682, 238.261

Protanomaly
61, 22.852, 261.848

Deuteranomaly
62, 26.881, 266.639

Tritanomaly
62, 28.388, 220.915

Monochromacy



Original Color
62, 29.682, 238.261

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 12.676, 231.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 29.682, 238.261 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(74, 160, 194)` looks like.

```
.text, #text, p{  
    color:rgb(74, 160, 194)  
}
```

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(74, 160, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 160, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 29.682, 238.261 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(74, 160, 194) }
```

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

```
.border{ border-color:rgb(74, 160, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 160, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 160, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 160, 194);  
box-shadow:4px 4px 4px 4px rgb(74, 160,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 29.682, 238.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 160, 194) }
```

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

```
.background{ background-color: rgb(74, 160,  
194) }
```

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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