

Converting Colors

CIELCh(62, 29.397, 170.076)

Have a look what the booklet for
CIELCh(62, 29.397, 170.076)
contains.

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Color

CIELCh(62, 29.690, 169.823)

Conversions

Conversions Part 1

Format	Color
Hex	59A48C
RGB	89, 164, 140
RGB Percent	35%, 64%, 55%
CMY	0.6525, 0.3583, 0.4524
CMYK	0.46, 0.00, 0.15, 0.36
HSL	161°, 30%, 49%
HSV	161°, 46%, 64%
XYZ	21.9976, 30.4025, 29.3785
YIQ	138.8390, -36.9960, -23.3640

Conversions

Conversions Part 2

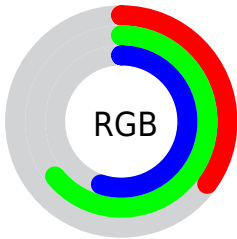
Format	Color
RYB	89, 134, 164
Decimal	5874828
CIELab	62.00, -29.22, 5.25
CIELCh	62, 29.690, 169.823
Yxy	30.4025, 0.2690, 0.3718
Android (android.graphics.Color)	4284064908 (0xFF59A48C)
YUV	138.8390, 0.5724, -43.7088
Hunter-Lab	55.1385, -25.2794, 7.0065

Details

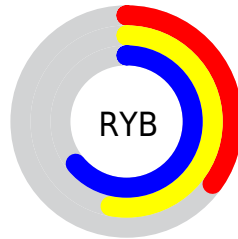
The CIELCh color **62, 29.690, 169.823** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **47, 33.635, 0.268**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 29.362, 170.470**, and **42, 29.780, 169.529** is the 20% darker color. If you saturate the color by 10%, you get **61, 35.154, 168.477**, and if you desaturate by 10%, it is **63, 23.734, 171.038**.

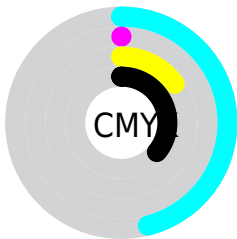
Distribution



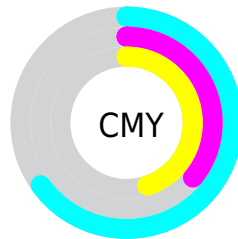
- Red (35%)
- Green (64%)
- Blue (55%)



- Red (35%)
- Yellow (53%)
- Blue (64%)



- Cyan (46%)
- Magenta (0%)
- Yellow (15%)
- Black (36%)





- Cyan (65%)
- Magenta (36%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 29.690, 169.823 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, 29.690, 169.823 by changing the saturation by 10% instead.


 62, 29.690,
169.823


 62, 29.690,
169.823


 100, 29.690,
169.823


 52, 29.690,
169.823


 82, 29.690,
169.823

 42, 29.690,
169.823

 92, 29.690,
169.823

 32, 29.690,
169.823

 22, 29.690,
169.823

 12, 29.690,
169.823

 2, 29.690, 169.823

 0, 29.690, 169.823

62, 29.690,
169.823

62, 29.690,
169.823

61, 35.154,
168.477

63, 23.734,
171.038

61, 40.027,
166.978

64, 17.395,
172.148

60, 44.239,
165.304

65, 10.783,
173.177

60, 47.762,
163.436

66, 3.999, 174.181

60, 50.644,
161.381

68, 2.870, 354.816

69, 9.750, 355.741

59, 51.770,
160.536

71, 16.587,
356.539

73, 23.339,
357.288

■ 75, 29.974,
358.000

Harmonies

Complementary

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



62, 29.690, 169.823



47, 33.635, 0.268

Rectangle

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



62, 29.690, 169.823



62, 29.690, 219.823



62, 29.690, 349.823



62, 29.690, 39.823

Sweetspot

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



62, 29.691, 169.822



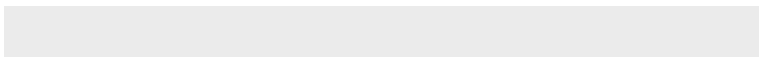
82, 11.770, 173.334



62, 45.578, 132.469



44, 8.176, 173.129



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 29.691, 169.822



78, 42.676, 168.453



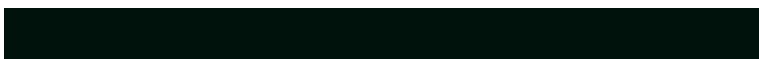
59, 21.079, 217.561



34, 3.862, 173.828



53, 47.280, 160.775



4, 6.267, 170.841

Inverse Universe

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



47, 33.635, 0.268



56, 49.570, 2.302



49, 29.603, 36.675



32, 3.958, 355.397



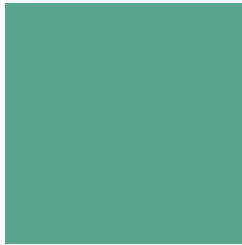
30, 56.869, 18.112



1, 5.957, 356.673

Previews

White Background



This preview shows how the CIE LCh color 62, 29.690, 169.823 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, 29.690, 169.823 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, 29.690, 169.823

Background



This preview shows how black text looks on a background with the CIELCh color 62, 29.690, 169.823.

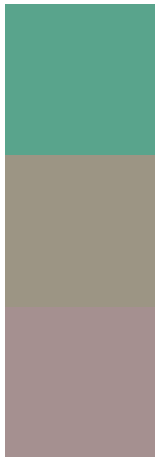


This preview shows how white text looks on a background with the CIELCh color 62, 29.690, 169.823.

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
62, 29.690, 169.823

Protanopia
62, 9.908, 92.456

Deuteranopia
62, 8.351, 20.176



Tritanopia
62, 21.022, 218.307

Trichromacy



Original Color
62, 29.690, 169.823

Protanomaly
61, 13.995, 148.681

Deuteranomaly
61, 7.452, 156.064

Tritanomaly
62, 22.359, 196.018

Monochromacy



Original Color
62, 29.690, 169.823

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 11.261, 174.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 29.690, 169.823 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(89, 164, 140)` looks like.

```
.text, #text, p{  
    color:rgb(89, 164, 140)  
}
```

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(89, 164, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 164, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 29.690, 169.823 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(89, 164, 140) }
```

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

```
.border{ border-color:rgb(89, 164, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 164, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 164, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 164, 140);  
box-shadow:4px 4px 4px 4px rgb(89, 164,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 29.690, 169.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 164, 140) }
```

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

```
.background{ background-color: rgb(89, 164,  
140) }
```

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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