

Converting Colors

CIELCh(57, 30.333, 167.948)

Have a look what the booklet for
CIELCh(57, 30.333, 167.948)
contains.

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Color

CIELCh(57, 29.972, 168.190)

Conversions

Conversions Part 1

Format	Color
Hex	4C967D
RGB	76, 150, 125
RGB Percent	30%, 59%, 49%
CMY	0.7010, 0.4108, 0.5089
CMYK	0.49, 0.00, 0.17, 0.41
HSL	160°, 33%, 44%
HSV	160°, 49%, 59%
XYZ	17.6610, 24.9227, 23.3590
YIQ	125.0240, -36.0790, -23.4630

Conversions

Conversions Part 2

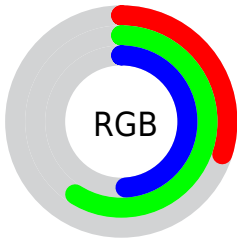
Format	Color
RYB	76, 121, 150
Decimal	5019261
CIELab	57.00, -29.34, 6.13
CIElCh	57, 29.972, 168.190
Yxy	24.9227, 0.2678, 0.3779
Android (android.graphics.Color)	4283209341 (0xFF4C967D)
YUV	125.0240, -0.0118, -42.9940
Hunter-Lab	49.9226, -24.2172, 7.2037

Details

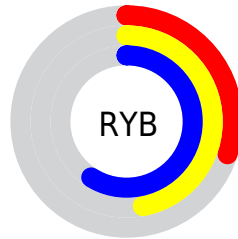
The CIELCh color **57, 29.972, 168.190** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **42, 33.887, 359.529**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 29.951, 168.221**, and **37, 30.294, 167.738** is the 20% darker color. If you saturate the color by 10%, you get **56, 35.028, 166.795**, and if you desaturate by 10%, it is **58, 24.438, 169.444**.

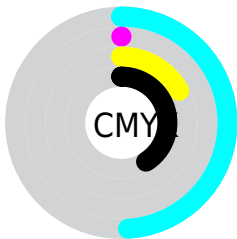
Distribution



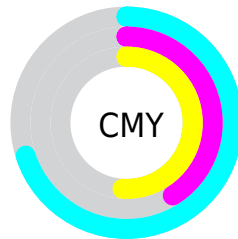
- Red (30%)
- Green (59%)
- Blue (49%)



- Red (30%)
- Yellow (47%)
- Blue (59%)



- Cyan (49%)
- Magenta (0%)
- Yellow (17%)
- Black (41%)





- Cyan (70%)
- Magenta (41%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 29.972, 168.190 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 57, 29.972, 168.190 by changing the saturation by 10% instead.


 57, 29.972,
168.190


 57, 29.972,
168.190


 100, 29.972,
168.190


 47, 29.972,
168.190


 77, 29.972,
168.190

 37, 29.972,
168.190

 87, 29.972,
168.190

 27, 29.972,
168.190

 97, 29.972,
168.190

 17, 29.972,
168.190

 7, 29.972, 168.190

 0, 29.972, 168.190

■ 57, 29.972,
168.190

■ 57, 29.972,
168.190

■ 56, 35.028,
166.795

■ 58, 24.438,
169.444

■ 56, 39.519,
165.239

■ 59, 18.525,
170.584

■ 55, 43.389,
163.499

■ 60, 12.338,
171.630

■ 55, 46.626,
161.563

■ 61, 5.972, 172.619

■ 55, 49.378,
159.509

■ 62, 0.488, 352.674

■ 55, 49.581,
159.363

■ 64, 6.970, 354.221

■ 65, 13.420,
355.030

■ 67, 19.793,
355.780

■ 69, 26.061,
356.490

Harmonies

Complementary

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



57, 29.972, 168.190



42, 33.887, 359.529

Rectangle

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



57, 29.972, 168.190



57, 29.972, 218.190



57, 29.972, 348.190



57, 29.972, 38.190

Sweetspot

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



57, 29.973, 168.189



77, 11.995, 172.024



57, 45.309, 131.808



41, 8.236, 171.832



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 29.973, 168.189



72, 43.247, 166.654



54, 20.997, 215.504



31, 3.599, 172.625



51, 46.381, 159.552



2, 3.168, 173.390

Inverse Universe

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



42, 33.887, 359.529



51, 49.988, 1.818



44, 30.364, 35.507



29, 3.682, 354.159



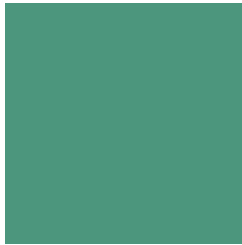
28, 54.266, 16.134



1, 3.168, 353.377

Previews

White Background



This preview shows how the CIELCh color 57, 29.972, 168.190 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 57, 29.972, 168.190 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 57, 29.972, 168.190

Background



This preview shows how black text looks on a background with the CIELCh color 57, 29.972, 168.190.

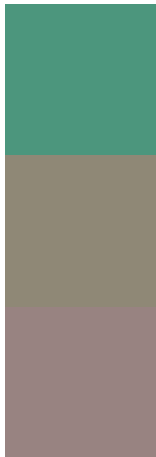


This preview shows how white text looks on a background with the CIELCh color 57, 29.972, 168.190.

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
57, 29.972, 168.190

Protanopia
57, 10.624, 93.076

Deuteranopia
57, 8.636, 27.777



Tritanopia
57, 20.407, 217.527

Trichromacy



Original Color
57, 29.972, 168.190

Protanomaly
56, 14.436, 146.048

Deuteranomaly
56, 7.989, 153.064

Tritanomaly
57, 22.212, 194.384

Monochromacy



Original Color
57, 29.972, 168.190

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 11.713, 171.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 29.972, 168.190 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(76, 150, 125)` looks like.

```
.text, #text, p{  
    color:rgb(76, 150, 125)  
}
```

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(76, 150, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 150, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 29.972, 168.190 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(76, 150, 125) }
```

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

```
.border{ border-color:rgb(76, 150, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 150, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(76, 150, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(76, 150, 125); box-shadow:4px 4px 4px 4px rgb(76, 150, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 29.972, 168.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 150, 125) }
```

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

```
.background{ background-color: rgb(76, 150,  
125) }
```

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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