

Converting Colors

CIELCh(59, 27.565, 158.190)

Have a look what the booklet for
CIELCh(59, 27.565, 158.190)
contains.

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Color

CIELCh(59, 27.834, 157.962)

Conversions

Conversions Part 1

Format	Color
Hex	619A7B
RGB	97, 154, 123
RGB Percent	38%, 60%, 48%
CMY	0.6201, 0.3966, 0.5181
CMYK	0.37, 0.00, 0.20, 0.40
HSL	147°, 23%, 49%
HSV	147°, 37%, 60%
XYZ	20.0162, 27.0277, 22.8585
YIQ	133.4230, -24.0210, -21.7250

Conversions

Conversions Part 2

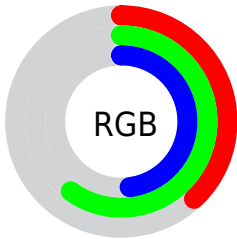
Format	Color
R_{YB}	97, 136, 154
Decimal	6396539
CIE _{Lab}	59.00, -25.80, 10.44
CIE _{LCh}	59, 27.834, 157.962
Yxy	27.0277, 0.2863, 0.3866
Android (android.graphics.Color)	4284586619 (0xFF619A7B)
YUV	133.4230, -5.1385, -31.9430
Hunter-Lab	51.9882, -22.2543, 10.3228

Details

The CIELCh color $59, 27.834, 157.962$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $48, 28.803, 344.680$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 28.103, 157.299$, and $39, 27.510, 157.836$ is the 20% darker color. If you saturate the color by 10%, you get $58, 34.909, 156.748$, and if you desaturate by 10%, it is $60, 20.472, 159.035$.

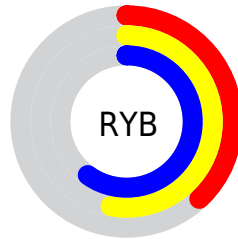
Distribution



Red (38%)

Green (60%)

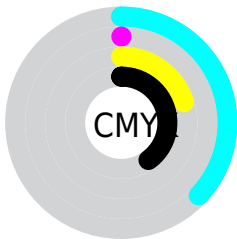
Blue (48%)



Red (38%)

Yellow (53%)

Blue (60%)

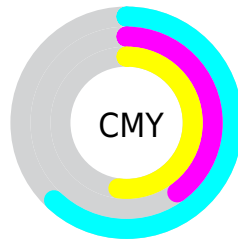


Cyan (37%)

Magenta (0%)

Yellow (20%)

Black (40%)



Cyan (62%)


Magenta (40%)


Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 27.834, 157.962 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 59, 27.834, 157.962 by changing the saturation by 10% instead.

 59, 27.834,
157.962


 59, 27.834,
157.962


 100, 27.834,
157.962


 49, 27.834,
157.962


 79, 27.834,
157.962

 39, 27.834,
157.962

 89, 27.834,
157.962

 29, 27.834,
157.962

 99, 27.834,
157.962

 19, 27.834,
157.962

 9, 27.834, 157.962

 0, 27.834, 157.962

■ 59, 27.834,
157.962

■ 59, 27.834,
157.962

■ 58, 34.909,
156.748

■ 60, 20.472,
159.035

■ 57, 41.568,
155.372

■ 61, 12.939,
159.993

■ 57, 47.693,
153.811

■ 63, 5.339, 160.877

■ 56, 53.187,
152.052

■ 64, 2.240, 341.438

■ 66, 9.732, 342.242

■ 56, 57.994,
150.093

■ 67, 17.088,
342.890

■ 56, 62.154,
147.988

■ 69, 24.274,
343.480

■ 56, 63.331,
147.398

■ 71, 31.267,
344.023

■ 73, 38.056,
344.529

Harmonies

Complementary

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



59, 27.834, 157.962



48, 28.803, 344.680

Rectangle

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



59, 27.834, 157.962



59, 27.834, 207.962



59, 27.834, 337.962



59, 27.834, 27.962

Sweetspot

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



59, 27.835, 157.961



78, 10.290, 160.512



60, 33.227, 125.554



41, 6.898, 160.405



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 27.835, 157.961



74, 40.377, 157.028



60, 19.803, 192.916



32, 4.267, 160.686



51, 58.937, 147.599



3, 4.639, 160.985

Inverse Universe

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



48, 28.803, 344.680



58, 41.966, 345.582



47, 24.895, 18.977



30, 4.311, 342.039



30, 55.027, 356.990



1, 4.584, 341.825

Previews

White Background



This preview shows how the CIE LCh color 59, 27.834, 157.962 looks on a white background.

Color Contrast Check

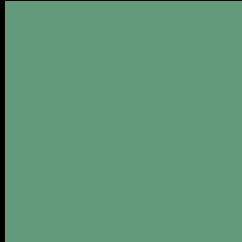
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 59, 27.834, 157.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

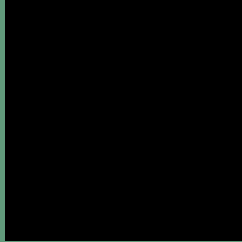
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 27.834, 157.962

Background



This preview shows how black text looks on a background with the CIELCh color 59, 27.834, 157.962.

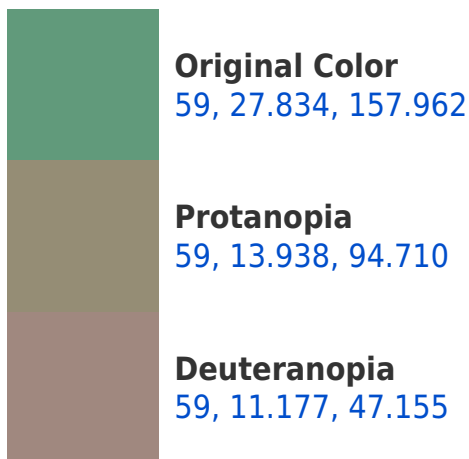


This preview shows how white text looks on a background with the CIELCh color 59, 27.834, 157.962.

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
59, 16.231, 223.139

Trichromacy



Original Color
59, 27.834, 157.962

Protanomaly
59, 16.564, 131.455

Deuteranomaly
58, 9.828, 120.915

Tritanomaly
59, 17.587, 190.336

Monochromacy



Original Color
59, 27.834, 157.962

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 10.748, 158.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 27.834, 157.962 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(97, 154, 123)` looks like.

```
.text, #text, p{  
    color:rgb(97, 154, 123)  
}
```

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(97, 154, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 154, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 27.834, 157.962 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(97, 154, 123) }
```

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

```
.border{ border-color:rgb(97, 154, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 154, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 154, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 154, 123);  
box-shadow:4px 4px 4px 4px rgb(97, 154,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 27.834, 157.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 154, 123) }
```

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

```
.background{ background-color: rgb(97, 154,  
123) }
```

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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