

Converting Colors

CIELCh(58, 28.156, 149.899)

Have a look what the booklet for
CIELCh(58, 28.156, 149.899)
contains.

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Color

CIELCh(58, 27.763, 149.872)

Conversions

Conversions Part 1

Format	Color
Hex	669672
RGB	102, 150, 114
RGB Percent	40%, 59%, 45%
CMY	0.5990, 0.4107, 0.5519
CMYK	0.32, 0.00, 0.24, 0.41
HSL	135°, 19%, 50%
HSV	135°, 32%, 59%
XYZ	19.5114, 25.9610, 19.9798
YIQ	131.5440, -17.0520, -21.3720

Conversions

Conversions Part 2

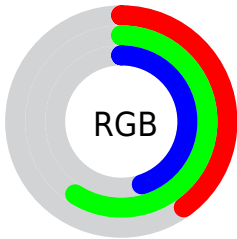
Format	Color
RYB	102, 140, 150
Decimal	6723186
CIELab	58.00, -24.01, 13.94
CIELCh	58, 27.763, 149.872
Yxy	25.9610, 0.2981, 0.3966
Android (android.graphics.Color)	4284913266 (0xFF669672)
YUV	131.5440, -8.6492, -25.9101
Hunter-Lab	50.9519, -20.8117, 12.4170

Details

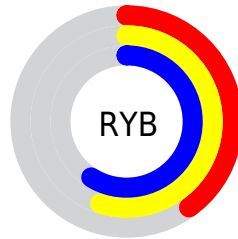
The CIELCh color $58, 27.763, 149.872$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 27.962, 334.460$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 27.565, 150.148$, and $38, 27.711, 149.735$ is the 20% darker color. If you saturate the color by 10%, you get $57, 36.225, 148.837$, and if you desaturate by 10%, it is $59, 19.101, 150.772$.

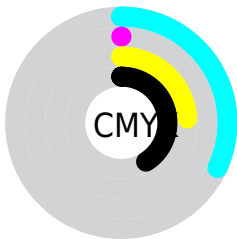
Distribution



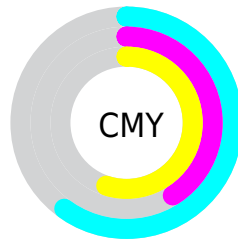
- Red (40%)
- Green (59%)
- Blue (45%)



- Red (40%)
- Yellow (55%)
- Blue (59%)



- Cyan (32%)
- Magenta (0%)
- Yellow (24%)
- Black (41%)



- Cyan (60%)
- Magenta (41%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 27.763, 149.872 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 58, 27.763, 149.872 by changing the saturation by 10% instead.

 58, 27.763,
149.872

 58, 27.763,
149.872

 100, 27.763,
149.872

 48, 27.763,
149.872


 78, 27.763,
149.872

 38, 27.763,
149.872

 88, 27.763,
149.872

 28, 27.763,
149.872

 98, 27.763,
149.872

 18, 27.763,
149.872

 8, 27.763, 149.872

 0, 27.763, 149.872

■ 58, 27.763,
149.872

■ 58, 27.763,
149.872

■ 57, 36.225,
148.837

■ 59, 19.101,
150.772

■ 56, 44.328,
147.650

■ 60, 10.370,
151.561

■ 55, 51.905,
146.297

■ 62, 1.677, 152.369

■ 55, 58.787,
144.780

■ 63, 6.896, 332.767

■ 54, 64.822,
143.119

■ 65, 15.289,
333.310

■ 54, 69.887,
141.366

■ 67, 23.464,
333.778

■ 54, 73.318,
140.051

■ 69, 31.396,
334.193

■ 71, 39.075,
334.564

■ 73, 46.498,
334.899

Harmonies

Complementary

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



58, 27.763, 149.872



49, 27.962, 334.460

Rectangle

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



58, 27.763, 149.872



58, 27.763, 199.872



58, 27.763, 329.872



58, 27.763, 19.872

Sweetspot

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



58, 27.764, 149.872



77, 10.782, 151.690



60, 27.034, 117.258



41, 7.419, 151.595



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



58, 27.764, 149.872



73, 40.912, 149.181



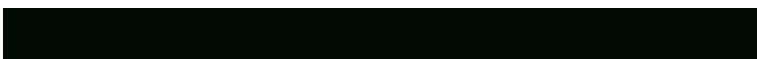
59, 19.154, 175.257



31, 4.831, 151.765



50, 68.545, 140.206



2, 4.213, 152.339

Inverse Universe

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



49, 27.962, 334.460



61, 41.187, 334.963



49, 21.259, 1.830



29, 4.850, 332.884



30, 60.622, 340.957



1, 4.214, 332.332

Previews

White Background



This preview shows how the CIELCh color 58, 27.763, 149.872 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 58, 27.763, 149.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

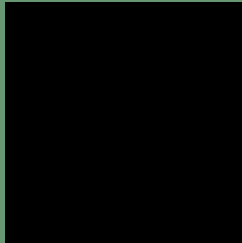
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 27.763, 149.872

Background



This preview shows how black text looks on a background with the CIELCh color 58, 27.763, 149.872.

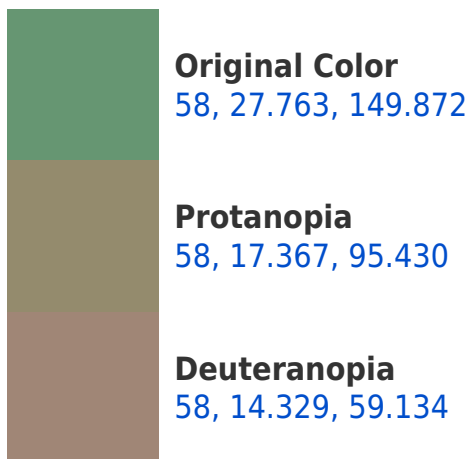



This preview shows how white text looks on a background with the CIELCh color 58, 27.763, 149.872.

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
58, 13.290, 226.687

Trichromacy



Original Color
58, 27.763, 149.872

Protanomaly
58, 18.713, 123.464

Deuteranomaly
58, 13.006, 110.462

Tritanomaly
58, 14.785, 184.613

Monochromacy



Original Color
58, 27.763, 149.872

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 10.333, 152.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 27.763, 149.872 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(102, 150, 114)` looks like.

```
.text, #text, p{  
    color:rgb(102, 150, 114)  
}
```

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(102, 150, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 150, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 27.763, 149.872 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(102, 150, 114) }
```

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

```
.border{ border-color:rgb(102, 150, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 150, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 150, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 150, 114);  
box-shadow:4px 4px 4px 4px rgb(102, 150,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 27.763, 149.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 150, 114) }
```

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

```
.background{ background-color: rgb(102,  
150, 114) }
```

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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