

Converting Colors

CIELCh(58, 27.037, 150.930)

Have a look what the booklet for
CIELCh(58, 27.037, 150.930)
contains.

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Color

CIELCh(58, 26.899, 151.417)

Conversions

Conversions Part 1

Format	Color
Hex	669674
RGB	102, 150, 116
RGB Percent	40%, 59%, 45%
CMY	0.5994, 0.4111, 0.5445
CMYK	0.32, 0.00, 0.23, 0.41
HSL	137°, 19%, 49%
HSV	137°, 32%, 59%
XYZ	19.5892, 25.9610, 20.5472
YIQ	131.7720, -17.6940, -20.7500

Conversions

Conversions Part 2

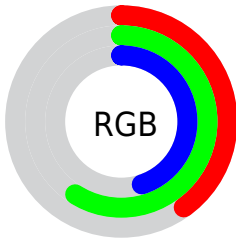
Format	Color
RYB	102, 139, 150
Decimal	6723188
CIELab	58.00, -23.62, 12.87
CIELCh	58, 26.899, 151.417
Yxy	25.9610, 0.2964, 0.3928
Android (android.graphics.Color)	4284913268 (0xFF669674)
YUV	131.7720, -7.7756, -26.1100
Hunter-Lab	50.9519, -20.5390, 11.7567

Details

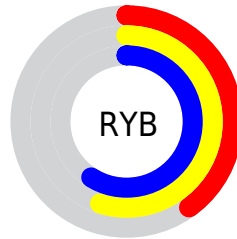
The CIELCh color $58, 26.899, 151.417$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 27.175, 336.188$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 26.751, 151.622$, and $38, 26.785, 151.400$ is the 20% darker color. If you saturate the color by 10%, you get $57, 35.079, 150.361$, and if you desaturate by 10%, it is $59, 18.521, 152.337$.

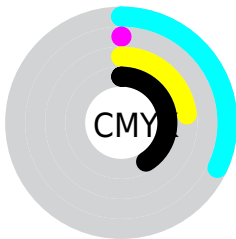
Distribution



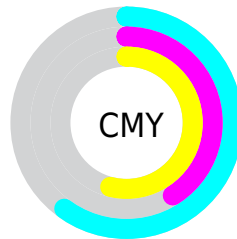
- Red (40%)
- Green (59%)
- Blue (45%)



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



- Cyan (32%)
- Magenta (0%)
- Yellow (23%)
- Black (41%)



- Cyan (60%)
- Magenta (41%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 26.899, 151.417 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, 26.899, 151.417 by changing the saturation by 10% instead.

 58, 26.899,
151.417


 58, 26.899,
151.417

 100, 26.899,
151.417

 48, 26.899,
151.417


 78, 26.899,
151.417

 38, 26.899,
151.417

 88, 26.899,
151.417

 28, 26.899,
151.417

 98, 26.899,
151.417

 18, 26.899,
151.417

 8, 26.899, 151.417

 0, 26.899, 151.417

■ 58, 26.899,
151.417

■ 58, 26.899,
151.417

■ 57, 35.079,
150.361

■ 59, 18.521,
152.337

■ 56, 42.912,
149.151

■ 60, 10.067,
153.149

■ 55, 50.241,
147.771

■ 62, 1.644, 153.986

■ 55, 56.917,
146.215

■ 63, 6.671, 334.396

■ 55, 62.809,
144.495

■ 65, 14.818,
334.965

■ 54, 67.822,
142.652

■ 67, 22.759,
335.459

■ 54, 71.292,
141.235

■ 69, 30.470,
335.900

■ 71, 37.938,
336.298

■ 73, 45.160,
336.659

Harmonies

Complementary

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



58, 26.899, 151.417



49, 27.175, 336.188

Rectangle

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



58, 26.899, 151.417



58, 26.899, 201.417



58, 26.899, 331.417



58, 26.899, 21.417

Sweetspot

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



58, 26.900, 151.417



77, 10.455, 153.284



60, 27.245, 119.317



41, 7.194, 153.185



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, 26.900, 151.417



73, 39.627, 150.714



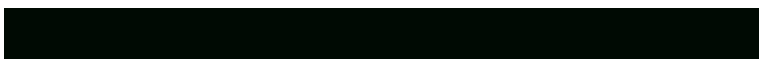
59, 18.536, 179.032



31, 4.685, 153.361



50, 66.676, 141.400



2, 4.087, 153.953

Inverse Universe

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



49, 27.175, 336.188



61, 40.043, 336.730



49, 20.974, 5.516



29, 4.708, 334.519



30, 58.959, 343.773



1, 4.088, 333.946

Previews

White Background



This preview shows how the CIELCh color 58, 26.899, 151.417 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, 26.899, 151.417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

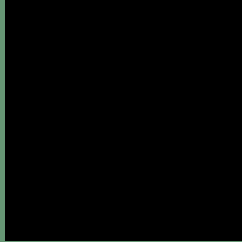
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 26.899, 151.417

Background



This preview shows how black text looks on a background with the CIELCh color 58, 26.899, 151.417.



This preview shows how white text looks on a background with the CIELCh color 58, 26.899, 151.417.

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
58, 26.899, 151.417

Protanopia
58, 16.270, 94.750

Deuteranopia
58, 13.231, 56.777



Tritanopia
58, 13.573, 226.026

Trichromacy



Original Color
58, 26.899, 151.417

Protanomaly
58, 17.638, 124.483

Deuteranomaly
58, 11.907, 112.731

Tritanomaly
58, 14.934, 186.971

Monochromacy



Original Color
58, 26.899, 151.417

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, 26.899, 151.417 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(102, 150, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 150, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 26.899, 151.417 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, 116) }
```

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

```
.border{ border-color:rgb(102, 150, 116) }
```

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, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 150, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 150, 116);  
box-shadow:4px 4px 4px 4px rgb(102, 150,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 26.899, 151.417 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, 116) }
```

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

```
.background{ background-color: rgb(102,  
150, 116) }
```

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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