

Converting Colors

CIELCh(59, 36.479, 124.468)

Have a look what the booklet for
CIELCh(59, 36.479, 124.468)
contains.

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Color

CIELCh(59, 36.533, 124.537)

Conversions

Conversions Part 1

Format	Color
Hex	7C9758
RGB	124, 151, 88
RGB Percent	49%, 59%, 35%
CMY	0.5146, 0.4087, 0.6557
CMYK	0.18, 0.00, 0.42, 0.41
HSL	86°, 26%, 47%
HSV	86°, 42%, 59%
XYZ	21.0610, 27.0277, 13.2927
YIQ	135.7450, 4.1310, -25.3170

Conversions

Conversions Part 2

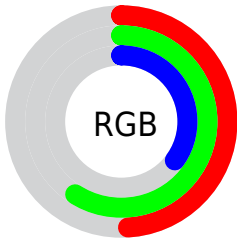
Format	Color
RYB	88, 151, 115
Decimal	8165208
CIELab	59.00, -20.71, 30.09
CIELCh	59, 36.533, 124.537
Yxy	27.0277, 0.3431, 0.4403
Android (android.graphics.Color)	4286355288 (0xFF7C9758)
YUV	135.7450, -23.5383, -10.3004
Hunter-Lab	51.9882, -18.6669, 21.2321

Details

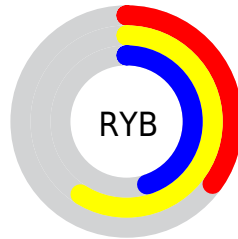
The CIELCh color $59, 36.533, 124.537$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $42, 39.151, 308.836$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 36.224, 124.219$, and $39, 36.260, 124.405$ is the 20% darker color. If you saturate the color by 10%, you get $58, 44.769, 124.117$, and if you desaturate by 10%, it is $60, 27.974, 125.015$.

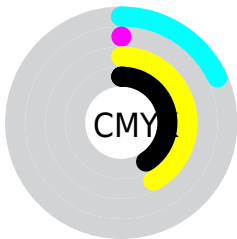
Distribution



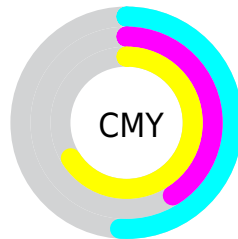
- Red (49%)
- Green (59%)
- Blue (35%)



- Red (35%)
- Yellow (59%)
- Blue (45%)



- Cyan (18%)
- Magenta (0%)
- Yellow (42%)
- Black (41%)





- Cyan (51%)
- Magenta (41%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 36.533, 124.537 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, 36.533, 124.537 by changing the saturation by 10% instead.


 59, 36.533,
124.537


 59, 36.533,
124.537


 100, 36.533,
124.537


 49, 36.533,
124.537


 79, 36.533,
124.537

 39, 36.533,
124.537

 89, 36.533,
124.537

 29, 36.533,
124.537

 99, 36.533,
124.537

 19, 36.533,
124.537

 9, 36.533, 124.537

 0, 36.533, 124.537

■ 59, 36.533,
124.537

■ 59, 36.533,
124.537

■ 58, 44.769,
124.117

■ 60, 27.974,
125.015

■ 58, 52.471,
123.808

■ 60, 19.231,
125.510

■ 57, 59.354,
123.698

■ 61, 10.404,
126.000

■ 57, 65.060,
123.896

■ 62, 1.560, 126.508

■ 56, 69.246,
124.515

■ 63, 7.252, 306.886

■ 56, 71.837,
125.225

■ 64, 15.996,
307.298

■ 65, 24.647,
307.672

■ 66, 33.188,
308.012

■ 68, 41.606,
308.321

Harmonies

Complementary

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



59, 36.533, 124.537



42, 39.151, 308.836

Rectangle

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



59, 36.533, 124.537



59, 36.533, 174.537



59, 36.533, 304.537



59, 36.533, 354.537

Sweetspot

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



59, 36.534, 124.539



78, 14.247, 125.928



51, 22.888, 61.642



41, 10.049, 125.827



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, 36.534, 124.539



74, 53.677, 124.146



57, 42.102, 139.460



32, 5.052, 126.123



52, 68.083, 125.120



3, 5.481, 126.882

Inverse Universe

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



42, 39.151, 308.836



50, 58.574, 309.415



46, 42.304, 324.140



30, 5.128, 306.966



19, 80.986, 310.643



1, 5.464, 306.278

Previews

White Background



This preview shows how the CIELCh color 59, 36.533, 124.537 looks on a white background.

Color Contrast Check

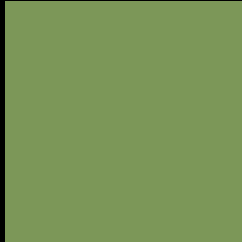
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 36.533, 124.537 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, 36.533, 124.537

Background



This preview shows how black text looks on a background with the CIELCh color 59, 36.533, 124.537.



This preview shows how white text looks on a background with the CIELCh color 59, 36.533, 124.537.

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
59, 36.533, 124.537

Protanopia
59, 32.745, 96.173

Deuteranopia
59, 29.911, 74.574



Tritanopia
59, 7.175, 259.810

Trichromacy



Original Color
59, 36.533, 124.537

Protanomaly
59, 33.138, 107.078

Deuteranomaly
59, 29.077, 95.399

Tritanomaly
59, 11.081, 143.826

Monochromacy



Original Color
59, 36.533, 124.537

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 13.541, 124.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 36.533, 124.537 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(124, 151, 88)` looks like.

```
.text, #text, p{  
    color:rgb(124, 151, 88)  
}
```

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(124, 151, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 151, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 36.533, 124.537 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(124, 151, 88) }
```

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

```
.border{ border-color:rgb(124, 151, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 151, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 151, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 151, 88);  
box-shadow:4px 4px 4px 4px rgb(124, 151,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 36.533, 124.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 151, 88) }
```

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

```
.background{ background-color: rgb(124,  
151, 88) }
```

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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