

Converting Colors

CIELCh(59, 30.618, 135.737)

Have a look what the booklet for
CIELCh(59, 30.618, 135.737)
contains.

CIELCh(59, 30.583, 135.748)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(59, 30.583, 135.748)

Conversions

Conversions Part 1

Format	Color
Hex	749868
RGB	116, 152, 104
RGB Percent	45%, 60%, 41%
CMY	0.5464, 0.4053, 0.5934
CMYK	0.24, 0.00, 0.32, 0.41
HSL	105°, 19%, 50%
HSV	105°, 32%, 59%
XYZ	20.8127, 27.0277, 17.1304
YIQ	135.7640, -6.0480, -22.5600

Conversions

Conversions Part 2

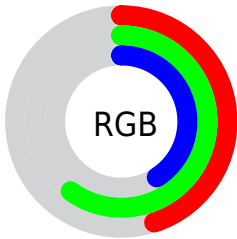
Format	Color
RYB	104, 152, 140
Decimal	7641192
CIELab	59.00, -21.91, 21.34
CIElCh	59, 30.583, 135.748
Yxy	27.0277, 0.3203, 0.4160
Android (android.graphics.Color)	4285831272 (0xFF749868)
YUV	135.7640, -15.6597, -17.3330
Hunter-Lab	51.9882, -19.5196, 16.8554

Details

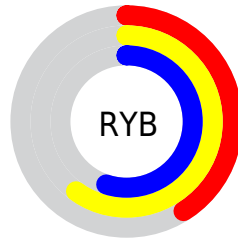
The CIELCh color $59, 30.583, 135.748$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 31.151, 318.631$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 30.509, 135.364$, and $39, 30.945, 135.861$ is the 20% darker color. If you saturate the color by 10%, you get $58, 40.061, 135.161$, and if you desaturate by 10%, it is $60, 20.928, 136.300$.

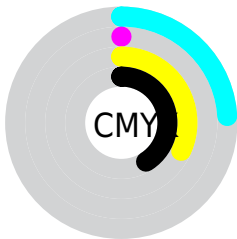
Distribution



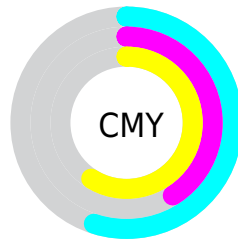
- Red (45%)
- Green (60%)
- Blue (41%)



- Red (41%)
- Yellow (60%)
- Blue (55%)



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




- Cyan (55%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 30.583, 135.748 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, 30.583, 135.748 by changing the saturation by 10% instead.

 59, 30.583,
135.748

 59, 30.583,
135.748

 100, 30.583,
135.748

 49, 30.583,
135.748


 79, 30.583,
135.748

 39, 30.583,
135.748

 89, 30.583,
135.748

 29, 30.583,
135.748

 99, 30.583,
135.748

 19, 30.583,
135.748

 9, 30.583, 135.748

 0, 30.583, 135.748

■ 59, 30.583,
135.748

■ 59, 30.583,
135.748

■ 58, 40.061,
135.161

■ 60, 20.928,
136.300

■ 57, 49.178,
134.564

■ 61, 11.223,
136.804

■ 57, 57.693,
134.009

■ 62, 1.565, 137.333

■ 56, 65.286,
133.578

■ 64, 7.979, 317.600

■ 55, 71.566,
133.385

■ 65, 17.361,
317.947

■ 55, 76.157,
133.546

■ 67, 26.548,
318.242

■ 55, 78.939,
133.810

■ 68, 35.523,
318.494

■ 70, 44.273,
318.710

■ 72, 52.795,
318.894

Harmonies

Complementary

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



59, 30.583, 135.748



49, 31.151, 318.631

Rectangle

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



59, 30.583, 135.748



59, 30.583, 185.748



59, 30.583, 315.748



59, 30.583, 5.748

Sweetspot

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



59, 30.584, 135.749



78, 10.700, 136.921



58, 20.929, 93.462



41, 7.499, 136.857



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, 30.584, 135.749



74, 45.211, 135.334



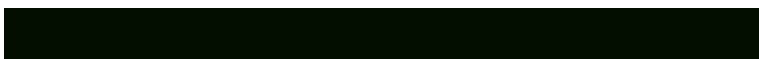
59, 27.700, 149.904



32, 5.483, 136.919



51, 74.484, 133.729



3, 5.922, 137.428

Inverse Universe

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



49, 31.151, 318.631



59, 46.220, 318.922



50, 27.897, 334.444



30, 5.520, 317.664



26, 76.004, 319.178



1, 5.895, 316.908

Previews

White Background



This preview shows how the CIELCh color 59, 30.583, 135.748 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, 30.583, 135.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

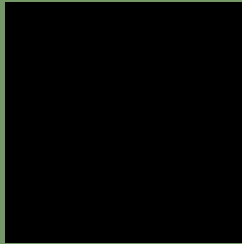
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 30.583, 135.748

Background



This preview shows how black text looks on a background with the CIELCh color 59, 30.583, 135.748.



This preview shows how white text looks on a background with the CIELCh color 59, 30.583, 135.748.

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, 30.583, 135.748

Protanopia
59, 24.148, 94.906

Deuteranopia
59, 21.405, 69.291



Tritanopia
59, 10.025, 241.809

Trichromacy



Original Color
59, 30.583, 135.748

Protanomaly
59, 24.689, 113.270

Deuteranomaly
59, 20.373, 100.577

Tritanomaly
59, 11.211, 171.255

Monochromacy



Original Color
59, 30.583, 135.748

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 11.004, 137.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 30.583, 135.748 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(116, 152, 104)` looks like.

```
.text, #text, p{  
    color:rgb(116, 152, 104)  
}
```

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(116, 152, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 152, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 30.583, 135.748 is called "border". The border property can be set on classes, ids or directly on the HTML element.

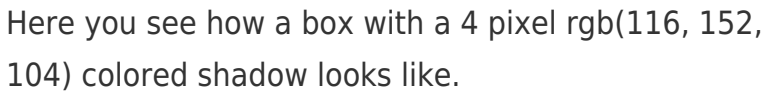
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 152, 104) }
```

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

```
.border{ border-color:rgb(116, 152, 104) }
```

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



Here you see how a box with a 4 pixel rgb(116, 152, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 152, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 152, 104);  
box-shadow:4px 4px 4px 4px rgb(116, 152,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 30.583, 135.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 152, 104) }
```

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

```
.background{ background-color: rgb(116,  
152, 104) }
```

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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