

Converting Colors

CIELCh(59, 60.001, 148.210)

Have a look what the booklet for
CIELCh(59, 60.001, 148.210)
contains.

CIELCh(59, 59.573, 148.453)	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, 59.573, 148.453)

Conversions

Conversions Part 1

Format	Color
Hex	26A254
RGB	38, 162, 84
RGB Percent	15%, 64%, 33%
CMY	0.8526, 0.3632, 0.6692
CMYK	0.77, 0.00, 0.48, 0.36
HSL	142°, 62%, 39%
HSV	142°, 77%, 64%
XYZ	15.3873, 27.0277, 12.8657
YIQ	116.0320, -48.8660, -50.5460

Conversions

Conversions Part 2

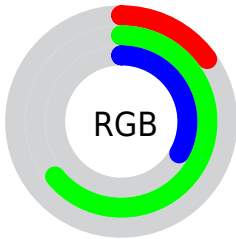
Format	Color
R_{YB}	38, 128, 162
Decimal	2531924
CIE _{Lab}	59.00, -50.77, 31.17
CIE _{LCh}	59, 59.573, 148.453
Yxy	27.0277, 0.2783, 0.4889
Android (android.graphics.Color)	4280722004 (0xFF26A254)
YUV	116.0320, -15.7918, -68.4341
Hunter-Lab	51.9882, -38.1476, 21.7191

Details

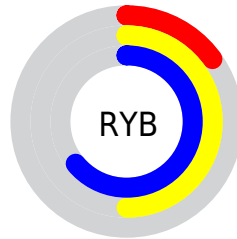
The CIELCh color **59, 59.573, 148.453** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **38, 58.512, 345.443**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 59.416, 148.371**, and **40, 54.125, 143.195** is the 20% darker color. If you saturate the color by 10%, you get **59, 65.031, 146.541**, and if you desaturate by 10%, it is **60, 53.330, 150.182**.

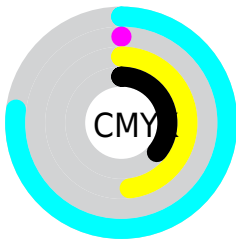
Distribution



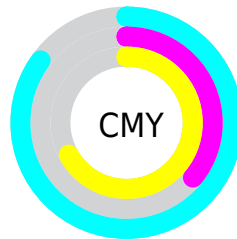
- Red (15%)
- Green (64%)
- Blue (33%)



- Red (15%)
- Yellow (50%)
- Blue (64%)



- Cyan (77%)
- Magenta (0%)
- Yellow (48%)
- Black (36%)





- Cyan (85%)
- Magenta (36%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 59.573, 148.453 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, 59.573, 148.453 by changing the saturation by 10% instead.


 59, 59.573,
148.453


 59, 59.573,
148.453


 100, 59.573,
148.453

 49, 59.573,
148.453

 79, 59.573,
148.453

 39, 59.573,
148.453

 89, 59.573,
148.453

 29, 59.573,
148.453

 99, 59.573,
148.453

 19, 59.573,
148.453

 9, 59.573, 148.453

 0, 59.573, 148.453

■ 59, 59.573,
148.453

■ 59, 59.573,
148.453

■ 59, 65.031,
146.541

■ 60, 53.330,
150.182

■ 58, 69.702,
144.505

■ 60, 46.382,
151.716

■ 58, 71.081,
143.904

■ 61, 38.854,
153.065

■ 62, 30.887,
154.247

■ 63, 22.629,
155.283

■ 64, 14.215,
156.197

■ 66, 5.760, 157.029

■ 67, 2.643, 337.569

■ 69, 10.921,
338.294

Harmonies

Complementary

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



59, 59.573, 148.453



38, 58.512, 345.443

Rectangle

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



59, 59.573, 148.453



59, 59.573, 198.453



59, 59.573, 328.453



59, 59.573, 18.453

Sweetspot

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



59, 59.573, 148.453



81, 24.070, 155.607



62, 65.086, 121.294



43, 16.779, 155.278



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



59, 59.573, 148.453



75, 83.190, 145.136



60, 36.803, 181.331



34, 4.782, 156.830



53, 65.215, 144.123



4, 7.626, 155.929

Inverse Universe

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



38, 58.512, 345.443



47, 76.288, 348.918



37, 55.492, 23.156



32, 4.816, 338.101



31, 58.387, 350.169



1, 7.135, 340.145

Previews

White Background



This preview shows how the CIELCh color 59, 59.573, 148.453 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, 59.573, 148.453 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, 59.573, 148.453

Background



This preview shows how black text looks on a background with the CIELCh color 59, 59.573, 148.453.



This preview shows how white text looks on a background with the CIELCh color 59, 59.573, 148.453.

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, 59.467, 148.361

Protanopia

59, 35.983, 95.868

Deuteranopia

59, 29.651, 75.287



Tritanopia
59, 25.648, 214.221

Trichromacy



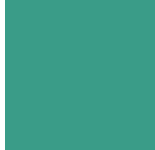
Original Color
59, 59.467, 148.361



Protanomaly
58, 41.075, 128.234



Deuteranomaly
57, 32.664, 124.010



Tritanomaly
58, 33.493, 176.490

Monochromacy



Original Color
59, 59.467, 148.361



Achromatopsia
49, 0.007, 296.813



Achromatomaly
52, 24.775, 154.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 59.573, 148.453 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(38, 162, 84)` looks like.

```
.text, #text, p{  
    color:rgb(38, 162, 84)  
}
```

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(38, 162, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 162, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 59.573, 148.453 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(38, 162, 84) }
```

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

```
.border{ border-color:rgb(38, 162, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 162, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 162, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 162, 84);  
box-shadow:4px 4px 4px 4px rgb(38, 162,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 59.573, 148.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 162, 84) }
```

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

```
.background{ background-color: rgb(38, 162,  
84) }
```

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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