

Converting Colors

CIELCh(59, 41.365, 159.059)

Have a look what the booklet for
CIELCh(59, 41.365, 159.059)
contains.

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Color

CIELCh(59, 41.365, 159.059)

Conversions

Conversions Part 1

Format	Color
Hex	409F73
RGB	64, 159, 115
RGB Percent	25%, 62%, 45%
CMY	0.7500, 0.3774, 0.5499
CMYK	0.60, 0.00, 0.28, 0.38
HSL	152°, 43%, 44%
HSV	152°, 60%, 62%
XYZ	17.5360, 27.0277, 20.4449
YIQ	125.5790, -42.4960, -33.8240

Conversions

Conversions Part 2

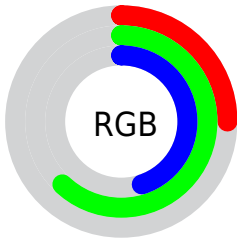
Format	Color
RYB	64, 126, 159
Decimal	4235123
CIELab	59.00, -38.63, 14.78
CIELCh	59, 41.365, 159.059
Yxy	27.0277, 0.2697, 0.4158
Android (android.graphics.Color)	4282425203 (0xFF409F73)
YUV	125.5790, -5.2154, -54.0048
Hunter-Lab	51.9882, -30.7701, 13.0754

Details

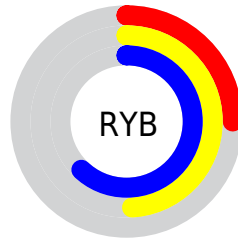
The CIELCh color $59, 41.365, 159.059$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $41, 44.430, 352.888$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 41.237, 159.195$, and $39, 39.939, 157.717$ is the 20% darker color. If you saturate the color by 10%, you get $58, 46.903, 157.424$, and if you desaturate by 10%, it is $60, 35.251, 160.507$.

Distribution



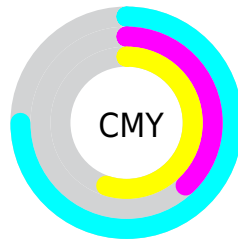
- Red (25%)
- Green (62%)
- Blue (45%)



- Red (25%)
- Yellow (49%)
- Blue (62%)



- Cyan (60%)
- Magenta (0%)
- Yellow (28%)
- Black (38%)





- Cyan (75%)
- Magenta (38%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 41.365, 159.059 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, 41.365, 159.059 by changing the saturation by 10% instead.


 59, 41.365,
159.059


 59, 41.365,
159.059


 100, 41.365,
159.059


 49, 41.365,
159.059


 79, 41.365,
159.059

 39, 41.365,
159.059

 89, 41.365,
159.059

 29, 41.365,
159.059

 99, 41.365,
159.059

 19, 41.365,
159.059

 9, 41.365, 159.059

 0, 41.365, 159.059

■ 59, 41.365,
159.059

■ 59, 41.365,
159.059

■ 58, 46.903,
157.424

■ 60, 35.251,
160.507

■ 58, 51.789,
155.587

■ 61, 28.663,
161.793

■ 58, 56.000,
153.546

■ 62, 21.721,
162.939

■ 57, 59.685,
151.408

■ 63, 14.541,
163.970

■ 57, 59.739,
151.378

■ 64, 7.232, 164.918

■ 65, 0.115, 342.629

■ 67, 7.425, 346.433

■ 69, 14.641,
347.169

■ 70, 21.723,
347.839

Harmonies

Complementary

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



59, 41.365, 159.059



41, 44.430, 352.888

Rectangle

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



59, 41.365, 159.059



59, 41.365, 209.059



59, 41.365, 339.059



59, 41.365, 29.059

Sweetspot

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



59, 41.366, 159.058



80, 16.346, 164.117



60, 54.759, 127.626



42, 11.435, 163.846



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



59, 41.366, 159.058



74, 59.209, 156.800



59, 27.663, 200.764



33, 4.137, 164.975



52, 55.034, 151.606



3, 5.529, 164.168

Inverse Universe

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



41, 44.430, 352.888



49, 63.133, 355.851



41, 43.429, 28.999



31, 4.196, 346.430



30, 54.866, 4.507



1, 5.339, 347.069

Previews

White Background



This preview shows how the CIELCh color 59, 41.365, 159.059 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, 41.365, 159.059 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, 41.365, 159.059

Background



This preview shows how black text looks on a background with the CIELCh color 59, 41.365, 159.059.



This preview shows how white text looks on a background with the CIELCh color 59, 41.365, 159.059.

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, 41.365, 159.059

Protanopia
59, 19.605, 95.321

Deuteranopia
59, 14.282, 59.160



Tritanopia
59, 23.333, 216.143

Trichromacy



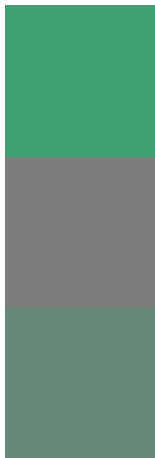
Original Color
59, 41.365, 159.059

Protanomaly
58, 23.786, 136.310

Deuteranomaly
58, 16.443, 134.712

Tritanomaly
59, 26.506, 188.320

Monochromacy



Original Color
59, 41.365, 159.059

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 16.169, 163.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 41.365, 159.059 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(64, 159, 115)` looks like.

```
.text, #text, p{  
    color:rgb(64, 159, 115)  
}
```

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(64, 159, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 159, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 41.365, 159.059 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(64, 159, 115) }
```

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

```
.border{ border-color:rgb(64, 159, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 159, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 159, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 159, 115);  
box-shadow:4px 4px 4px 4px rgb(64, 159,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 41.365, 159.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 159, 115) }
```

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

```
.background{ background-color: rgb(64, 159,  
115) }
```

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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