

Converting Colors

CIELCh(59, 41.145, 163.936)

Have a look what the booklet for
CIELCh(59, 41.145, 163.936)
contains.

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Color

CIELCh(59, 40.986, 164.232)

Conversions

Conversions Part 1

Format	Color
Hex	359F79
RGB	53, 159, 121
RGB Percent	21%, 62%, 47%
CMY	0.7910, 0.3755, 0.5246
CMYK	0.67, 0.00, 0.24, 0.38
HSL	158°, 50%, 42%
HSV	158°, 67%, 62%
XYZ	17.3865, 27.0277, 22.4606
YIQ	122.9740, -50.9780, -34.2900

Conversions

Conversions Part 2

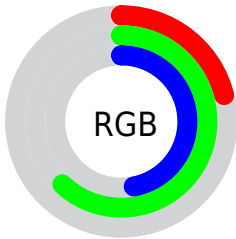
Format	Color
RYB	53, 118, 159
Decimal	3514233
CIELab	59.00, -39.44, 11.14
CIELCh	59, 40.986, 164.232
Yxy	27.0277, 0.2600, 0.4042
Android (android.graphics.Color)	4281704313 (0xFF359F79)
YUV	122.9740, -0.9732, -61.3672
Hunter-Lab	51.9882, -31.2832, 10.7765

Details

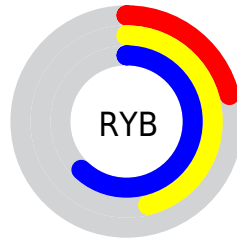
The CIELCh color $59, 40.986, 164.232$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $39, 47.070, 1.908$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 40.887, 164.167$, and $40, 37.808, 160.982$ is the 20% darker color. If you saturate the color by 10%, you get $59, 45.354, 162.508$, and if you desaturate by 10%, it is $60, 35.979, 165.770$.

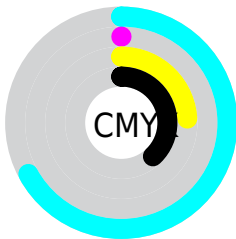
Distribution



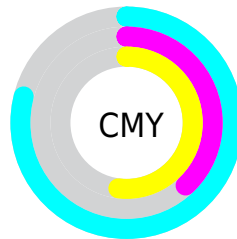
- Red (21%)
- Green (62%)
- Blue (47%)



- Red (21%)
- Yellow (46%)
- Blue (62%)



- Cyan (67%)
- Magenta (0%)
- Yellow (24%)
- Black (38%)





- Cyan (79%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 40.986, 164.232 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, 40.986, 164.232 by changing the saturation by 10% instead.

 59, 40.986,
164.232

 59, 40.986,
164.232

 100, 40.986,
164.232

 49, 40.986,
164.232


 79, 40.986,
164.232

 39, 40.986,
164.232

 89, 40.986,
164.232

 29, 40.986,
164.232

 99, 40.986,
164.232

 19, 40.986,
164.232

 9, 40.986, 164.232

 0, 40.986, 164.232

■ 59, 40.986,
164.232

■ 59, 40.986,
164.232

■ 59, 45.354,
162.508

■ 60, 35.979,
165.770

■ 58, 49.054,
160.585

■ 60, 30.403,
167.146

■ 58, 52.144,
158.482

■ 61, 24.357,
168.383

■ 58, 53.166,
157.772

■ 62, 17.950,
169.505

■ 63, 11.293,
170.536

■ 65, 4.485, 171.525

■ 66, 2.388, 352.147

■ 68, 9.257, 353.079

■ 69, 16.066,
353.861

Harmonies

Complementary

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



59, 40.986, 164.232



39, 47.070, 1.908

Rectangle

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



59, 40.986, 164.232



59, 40.986, 214.232



59, 40.986, 344.232



59, 40.986, 34.232

Sweetspot

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



59, 40.986, 164.231



80, 16.830, 170.149



59, 61.888, 130.631



42, 11.544, 169.876



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, 40.986, 164.231



74, 57.351, 161.576



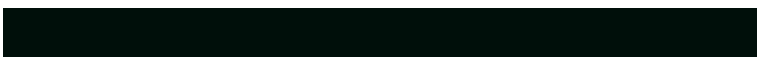
56, 27.027, 214.797



33, 3.854, 171.254



52, 48.896, 158.002



3, 5.177, 169.927

Inverse Universe

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



39, 47.070, 1.908



47, 66.083, 6.679



41, 46.173, 36.368



31, 3.938, 352.798



30, 55.419, 14.390



1, 5.017, 353.224

Previews

White Background



This preview shows how the CIELCh color 59, 40.986, 164.232 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, 40.986, 164.232 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, 40.986, 164.232

Background



This preview shows how black text looks on a background with the CIELCh color 59, 40.986, 164.232.

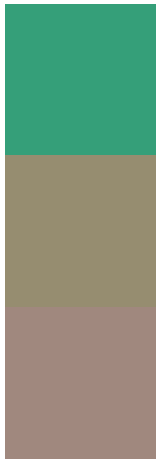


This preview shows how white text looks on a background with the CIELCh color 59, 40.986, 164.232.

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, 40.986, 164.232

Protanopia

59, 16.775, 95.141

Deuteranopia

59, 11.474, 49.560



Tritanopia
59, 25.451, 214.371

Trichromacy



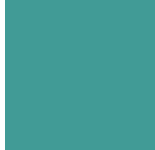
Original Color
59, 40.986, 164.232



Protanomaly
58, 22.893, 143.032



Deuteranomaly
58, 14.622, 147.217



Tritanomaly
59, 28.344, 191.075

Monochromacy



Original Color
59, 40.986, 164.232



Achromatopsia
52, 0.007, 296.813



Achromatomaly
54, 16.711, 168.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 40.986, 164.232 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(53, 159, 121)` looks like.

```
.text, #text, p{  
    color:rgb(53, 159, 121)  
}
```

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(53, 159, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 159, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 40.986, 164.232 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(53, 159, 121) }
```

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

```
.border{ border-color:rgb(53, 159, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 159, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 159, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 159, 121);  
box-shadow:4px 4px 4px 4px rgb(53, 159,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 40.986, 164.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 159, 121) }
```

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

```
.background{ background-color: rgb(53, 159,  
121) }
```

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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