

Converting Colors

CIELCh(59, 43.988, 155.099)

Have a look what the booklet for
CIELCh(59, 43.988, 155.099)
contains.

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Color

CIELCh(59, 43.988, 155.099)

Conversions

Conversions Part 1

Format	Color
Hex	419F6C
RGB	65, 159, 108
RGB Percent	25%, 62%, 42%
CMY	0.7448, 0.3762, 0.5762
CMYK	0.59, 0.00, 0.32, 0.38
HSL	147°, 42%, 44%
HSV	147°, 59%, 62%
XYZ	17.3031, 27.0277, 18.5081
YIQ	125.0800, -39.6530, -35.7890

Conversions

Conversions Part 2

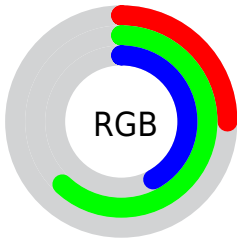
Format	Color
RYB	65, 129, 159
Decimal	4300652
CIELab	59.00, -39.90, 18.52
CIElCh	59, 43.988, 155.099
Yxy	27.0277, 0.2754, 0.4301
Android (android.graphics.Color)	4282490732 (0xFF419F6C)
YUV	125.0800, -8.4204, -52.6902
Hunter-Lab	51.9882, -31.5698, 15.2842

Details

The CIELCh color $59, 43.988, 155.099$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $42, 45.737, 347.624$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 43.649, 155.346$, and $39, 42.979, 153.676$ is the 20% darker color. If you saturate the color by 10%, you get $58, 50.137, 153.490$, and if you desaturate by 10%, it is $60, 37.265, 156.518$.

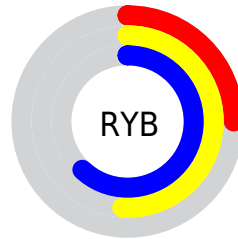
Distribution



Red (25%)

Green (62%)

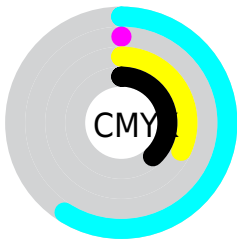
Blue (42%)



Red (25%)

Yellow (51%)

Blue (62%)

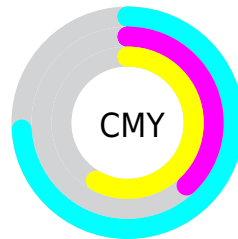


Cyan (59%)

Magenta (0%)

Yellow (32%)

Black (38%)



Cyan (74%)


Magenta (38%)


Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 43.988, 155.099 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, 43.988, 155.099 by changing the saturation by 10% instead.


 59, 43.988,
155.099


 59, 43.988,
155.099


 100, 43.988,
155.099


 49, 43.988,
155.099


 79, 43.988,
155.099

 39, 43.988,
155.099

 89, 43.988,
155.099

 29, 43.988,
155.099

 99, 43.988,
155.099

 19, 43.988,
155.099

 9, 43.988, 155.099

 0, 43.988, 155.099

■ 59, 43.988,
155.099

■ 59, 43.988,
155.099

■ 58, 50.137,
153.490

■ 60, 37.265,
156.518

■ 58, 55.619,
151.680

■ 61, 30.087,
157.768

■ 58, 60.389,
149.671

■ 62, 22.582,
158.873

■ 57, 64.549,
147.563

■ 63, 14.876,
159.857

■ 57, 64.915,
147.383

■ 64, 7.081, 160.753

■ 66, 0.710, 341.025

■ 67, 8.425, 342.160

■ 69, 16.009,
342.827

■ 71, 23.424,
343.429

Harmonies

Complementary

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



59, 43.988, 155.099



42, 45.737, 347.624

Rectangle

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



59, 43.988, 155.099



59, 43.988, 205.099



59, 43.988, 335.099



59, 43.988, 25.099

Sweetspot

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



59, 43.989, 155.099



80, 17.351, 159.927



61, 52.996, 124.672



42, 12.147, 159.667



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, 43.989, 155.099



74, 63.126, 152.923



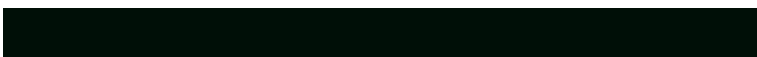
60, 29.183, 191.582



33, 4.382, 160.740



52, 59.700, 147.611



3, 5.831, 160.254

Inverse Universe

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



42, 45.737, 347.624



50, 64.636, 349.968



41, 43.041, 23.431



31, 4.427, 342.102



30, 55.721, 357.159



1, 5.623, 342.865

Previews

White Background



This preview shows how the CIELCh color 59, 43.988, 155.099 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, 43.988, 155.099 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, 43.988, 155.099

Background



This preview shows how black text looks on a background with the CIELCh color 59, 43.988, 155.099.



This preview shows how white text looks on a background with the CIELCh color 59, 43.988, 155.099.

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, 43.988, 155.099

Protanopia
59, 23.509, 95.743

Deuteranopia
58, 17.731, 64.282



Tritanopia
59, 22.814, 215.085

Trichromacy



Original Color
59, 43.988, 155.099



Protanomaly
58, 27.744, 131.865



Deuteranomaly
58, 19.744, 127.510



Tritanomaly
59, 27.109, 183.565

Monochromacy



Original Color
59, 43.988, 155.099



Achromatopsia
52, 0.007, 296.813



Achromatomaly
54, 16.915, 159.996

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 43.988, 155.099 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(65, 159, 108)` looks like.

```
.text, #text, p{  
    color:rgb(65, 159, 108)  
}
```

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(65, 159, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 159, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 43.988, 155.099 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(65, 159, 108) }
```

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

```
.border{ border-color:rgb(65, 159, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 159, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(65, 159, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(65, 159, 108); box-shadow:4px 4px 4px 4px rgb(65, 159, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 43.988, 155.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 159, 108) }
```

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

```
.background{ background-color: rgb(65, 159,  
108) }
```

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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