

Converting Colors

CIELCh(39, 18.035, 158.907)

Have a look what the booklet for
CIELCh(39, 18.035, 158.907)
contains.

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Color

CIELCh(39, 17.833, 159.138)

Conversions

Conversions Part 1

Format	Color
Hex	416351
RGB	65, 99, 81
RGB Percent	25%, 39%, 32%
CMY	0.7448, 0.6115, 0.6821
CMYK	0.34, 0.00, 0.18, 0.61
HSL	148°, 21%, 32%
HSV	148°, 34%, 39%
XYZ	8.1413, 10.6589, 9.4267
YIQ	86.7820, -14.4860, -12.8060

Conversions

Conversions Part 2

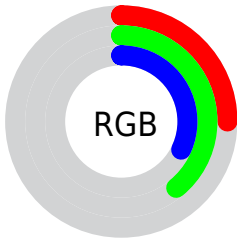
Format	Color
RYB	65, 88, 99
Decimal	4285265
CIELab	39.00, -16.66, 6.35
CIELCh	39, 17.833, 159.138
Yxy	10.6589, 0.2884, 0.3776
Android (android.graphics.Color)	4282475345 (0xFF416351)
YUV	86.7820, -2.8505, -19.1028
Hunter-Lab	32.6480, -12.6223, 5.7344

Details

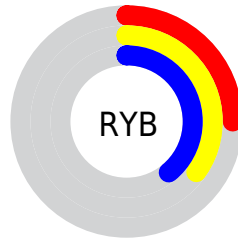
The CIELCh color $39, 17.833, 159.138$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $32, 18.443, 345.012$, and the grayscale version is $37, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 17.980, 158.770$, and $19, 17.989, 158.693$ is the 20% darker color. If you saturate the color by 10%, you get $38, 22.798, 158.034$, and if you desaturate by 10%, it is $40, 12.709, 160.123$.

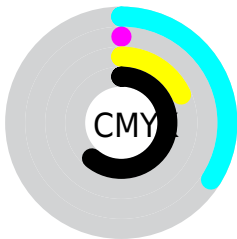
Distribution



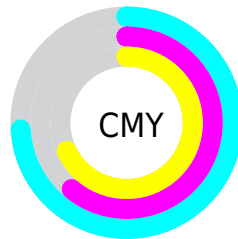
- Red (25%)
- Green (39%)
- Blue (32%)



- Red (25%)
- Yellow (35%)
- Blue (39%)



- Cyan (34%)
- Magenta (0%)
- Yellow (18%)
- Black (61%)




- Cyan (74%)
- Magenta (61%)
- Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 17.833, 159.138 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 39, 17.833, 159.138 by changing the saturation by 10% instead.


 39, 17.833,
159.138


 39, 17.833,
159.138

 100, 17.833,
159.138


 29, 17.833,
159.138

 59, 17.833,
159.138


 19, 17.833,
159.138


 69, 17.833,
159.138

 9, 17.833, 159.138

 79, 17.833,
159.138

 0, 17.833, 159.138

 89, 17.833,
159.138

 99, 17.833,
159.138

■ 39, 17.833,
159.138

■ 39, 17.833,
159.138

■ 38, 22.798,
158.034

■ 40, 12.709,
160.123

■ 38, 27.523,
156.793

■ 41, 7.496, 161.015

■ 42, 2.255, 161.881

■ 37, 31.932,
155.394

■ 43, 2.961, 342.416

■ 37, 35.956,
153.819

■ 44, 8.114, 343.127

■ 37, 39.544,
152.060

■ 45, 13.175,
343.745

■ 36, 42.720,
150.170

■ 46, 18.122,
344.313

■ 36, 44.476,
149.193

■ 47, 22.943,
344.841

■ 49, 27.631,

Harmonies

Complementary

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



39, 17.833, 159.138



32, 18.443, 345.012

Rectangle

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



39, 17.833, 159.138



39, 17.833, 209.138



39, 17.833, 339.138



39, 17.833, 29.138

Sweetspot

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



39, 17.834, 159.137



53, 6.543, 161.355



40, 21.591, 126.369



27, 4.500, 161.270



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



39, 17.834, 159.137



50, 26.441, 158.273



39, 12.924, 194.717



20, 2.880, 161.478



41, 48.927, 148.826



84, 88.291, 147.307

Inverse Universe

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



32, 18.443, 345.012



40, 27.508, 345.860



31, 15.894, 19.641



18, 2.909, 342.714



23, 46.810, 357.335



52, 81.210, 359.949

Previews

White Background



This preview shows how the CIELCh color 39, 17.833, 159.138 looks on a white 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

Black Background



This preview shows how the CIELCh color 39, 17.833, 159.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

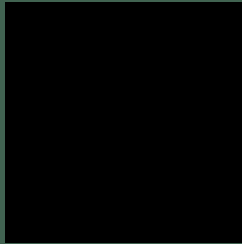
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 17.833, 159.138

Background



This preview shows how black text looks on a background with the CIELCh color 39, 17.833, 159.138.

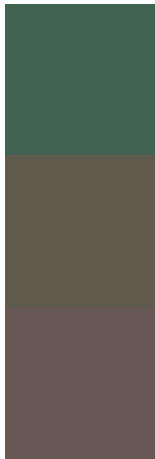


This preview shows how white text looks on a background with the CIELCh color 39, 17.833, 159.138.

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
39, 17.833, 159.138

Protanopia
39, 8.824, 94.105

Deuteranopia
39, 7.335, 44.660



Tritanopia
39, 10.732, 225.686

Trichromacy



Original Color
39, 17.833, 159.138

Protanomaly
39, 10.532, 130.539

Deuteranomaly
39, 6.252, 121.234

Tritanomaly
39, 11.239, 194.856

Monochromacy



Original Color
39, 17.833, 159.138

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 6.296, 162.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 17.833, 159.138 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, 99, 81)` looks like.

```
.text, #text, p{  
    color:rgb(65, 99, 81)  
}
```

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, 99, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 99, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 17.833, 159.138 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, 99, 81) }
```

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

```
.border{ border-color:rgb(65, 99, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 99, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 99, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 99, 81);  
box-shadow:4px 4px 4px 4px rgb(65, 99, 81)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 17.833, 159.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 99, 81) }
```

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

```
.background{ background-color: rgb(65, 99,  
81) }
```

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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