

Converting Colors

CIELCh(39, 17.059, 258.535)

Have a look what the booklet for
CIELCh(39, 17.059, 258.535)
contains.

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Color

CIELCh(39, 17.157, 258.258)

Conversions

Conversions Part 1

Format	Color
Hex	435F77
RGB	67, 95, 119
RGB Percent	26%, 37%, 47%
CMY	0.7381, 0.6283, 0.5342
CMYK	0.44, 0.20, 0.00, 0.53
HSL	208°, 28%, 36%
HSV	208°, 44%, 47%
XYZ	9.6899, 10.6589, 18.9305
YIQ	89.3640, -24.3920, 1.5280

Conversions

Conversions Part 2

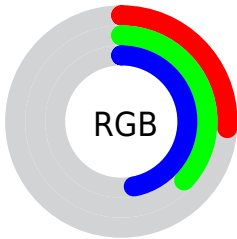
Format	Color
RYB	67, 85, 119
Decimal	4415351
CIELab	39.00, -3.49, -16.80
CIElCh	39, 17.157, 258.258
Yxy	10.6589, 0.2467, 0.2714
Android (android.graphics.Color)	4282605431 (0xFF435F77)
YUV	89.3640, 14.6105, -19.6132
Hunter-Lab	32.6480, -4.1553, -11.5248

Details

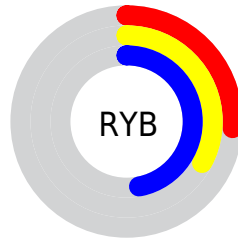
The CIELCh color **39, 17.157, 258.258** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **41, 19.933, 66.239**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 17.217, 258.263**, and **19, 17.413, 259.203** is the 20% darker color. If you saturate the color by 10%, you get **37, 20.795, 260.782**, and if you desaturate by 10%, it is **41, 13.398, 256.132**.

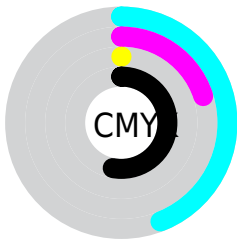
Distribution



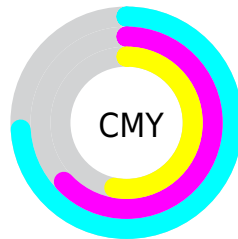
- Red (26%)
- Green (37%)
- Blue (47%)



- Red (26%)
- Yellow (33%)
- Blue (47%)



- Cyan (44%)
- Magenta (20%)
- Yellow (0%)
- Black (53%)




- Cyan (74%)
- Magenta (63%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 17.157, 258.258 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, 17.157, 258.258 by changing the saturation by 10% instead.


 39, 17.157,
258.258


 39, 17.157,
258.258


 100, 17.157,
258.258


 29, 17.157,
258.258

 59, 17.157,
258.258


 19, 17.157,
258.258


 69, 17.157,
258.258

 9, 17.157, 258.258

 79, 17.157,
258.258

 0, 17.157, 258.258

 89, 17.157,
258.258

 99, 17.157,
258.258

■ 39, 17.157,
258.258

■ 39, 17.157,
258.258

■ 37, 20.795,
260.782

■ 41, 13.398,
256.132

■ 34, 24.314,
263.761

■ 44, 9.530, 254.351

■ 46, 5.571, 252.867

■ 32, 27.732,
267.224

■ 49, 1.540, 251.725

■ 30, 31.092,
271.162

■ 52, 2.543, 70.364

■ 28, 34.461,
275.474

■ 54, 6.662, 69.510

■ 57, 10.800, 68.736

■ 27, 36.641,
277.998

■ 59, 14.945, 68.058

■ 62, 19.086, 67.465

Harmonies

Complementary

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



39, 17.157, 258.258



41, 19.933, 66.239

Rectangle

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



39, 17.157, 258.258



39, 17.157, 308.258



39, 17.157, 78.258



39, 17.157, 128.258

Sweetspot

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



39, 17.156, 258.257



60, 6.560, 252.808



46, 26.574, 156.994



31, 4.619, 253.061



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



39, 17.156, 258.257



48, 25.539, 260.943



31, 31.360, 293.978



23, 2.262, 252.263



28, 37.545, 278.164



56, 66.943, 280.967

Inverse Universe

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



35, 27.369, 345.620



43, 40.773, 346.955



48, 28.412, 103.886



23, 3.440, 342.270



25, 49.885, 356.916



54, 83.976, 359.182

Previews

White Background



This preview shows how the CIE LCh color 39, 17.157, 258.258 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 CIE LCh color 39, 17.157, 258.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

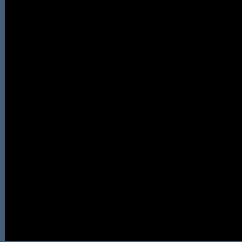
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

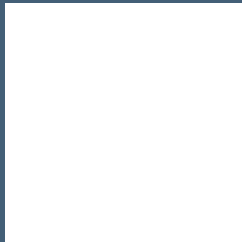
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 17.157, 258.258

Background



This preview shows how black text looks on a background with the CIELCh color 39, 17.157, 258.258.

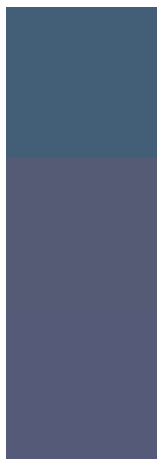


This preview shows how white text looks on a background with the CIELCh color 39, 17.157, 258.258.

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, 17.157, 258.258

Protanopia

39, 15.411, 284.233

Deuteranopia

39, 18.429, 287.340



Tritanopia
39, 13.083, 220.196

Trichromacy



Original Color
39, 17.157, 258.258

Protanomaly
39, 15.946, 274.060

Deuteranomaly
39, 17.668, 276.438

Tritanomaly
39, 13.924, 236.633

Monochromacy



Original Color
39, 17.157, 258.258

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 6.706, 254.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 17.157, 258.258 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(67, 95, 119)` looks like.

```
.text, #text, p{  
    color:rgb(67, 95, 119)  
}
```

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(67, 95, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 95, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 17.157, 258.258 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(67, 95, 119) }
```

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

```
.border{ border-color:rgb(67, 95, 119) }
```

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

Here you see how a box with a 4 pixel rgb(67, 95, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 95, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 95, 119);  
box-shadow:4px 4px 4px 4px rgb(67, 95,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 17.157, 258.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 95, 119) }
```

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

```
.background{ background-color: rgb(67, 95,  
119) }
```

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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