

Converting Colors

CIELCh(39, 5.000, 161.729)

Have a look what the booklet for
CIELCh(39, 5.000, 161.729) contains.

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Color

CIELCh(39, 4.888, 160.114)

Conversions

Conversions Part 1

Format	Color
Hex	555E59
RGB	85, 94, 89
RGB Percent	33%, 37%, 35%
CMY	0.6666, 0.6313, 0.6510
CMYK	0.10, 0.00, 0.05, 0.63
HSL	147°, 5%, 35%
HSV	147°, 10%, 37%
XYZ	9.5531, 10.6589, 11.0059
YIQ	90.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

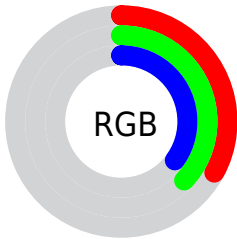
Format	Color
R_{YB}	85, 91, 94
Decimal	5594713
CIE Lab	39.00, -4.60, 1.66
CIE LCh	39, 4.888, 160.114
Yxy	10.6589, 0.3060, 0.3414
Android (android.graphics.Color)	4283784793 (0xFF555E59)
YUV	90.7390, -0.8573, -5.0331
Hunter-Lab	32.6480, -4.9036, 2.8664

Details

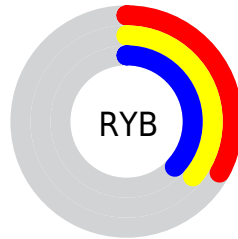
The CIELCh color $39, 4.888, 160.114$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37, 4.936, 341.427$, and the grayscale version is $39, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 4.525, 160.366$, and $19, 4.663, 162.509$ is the 20% darker color. If you saturate the color by 10%, you get $38, 10.004, 159.272$, and if you desaturate by 10%, it is $40, 0.220, 339.784$.

Distribution



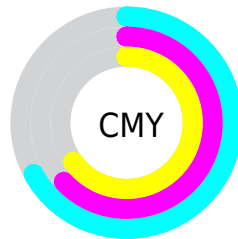
- Red (33%)
- Green (37%)
- Blue (35%)



- Red (33%)
- Yellow (36%)
- Blue (37%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (63%)



- Cyan (67%)
- Magenta (63%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 4.888, 160.114 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, 4.888, 160.114 by changing the saturation by 10% instead.

■ 39, 4.888, 160.114

■ 39, 4.888, 160.114

■ 100, 4.888,
160.114

■ 29, 4.888, 160.114

■ 59, 4.888, 160.114

■ 19, 4.888, 160.114

■ 69, 4.888, 160.114

■ 9, 4.888, 160.114

■ 79, 4.888, 160.114

■ 0, 4.888, 160.114

■ 89, 4.888, 160.114

■ 99, 4.888, 160.114

■ 39, 4.888, 160.114

■ 39, 4.888, 160.114

■ 38, 10.004,
159.272

■ 40, 0.220, 339.784

37, 15.070,
158.356

41, 5.281, 341.426

37, 20.023,
157.332

42, 10.261,
342.057

36, 24.790,
156.181

43, 15.136,
342.627

36, 29.294,
154.882

44, 19.893,
343.152

35, 33.462,
153.418

46, 24.520,
343.640

35, 37.233,
151.775

47, 29.013,
344.095

35, 40.569,
149.952

48, 33.372,
344.523

34, 43.676,
148.219

50, 37.599,
344.926

Harmonies

Complementary

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



39, 4.888, 160.114



37, 4.936, 341.427

Rectangle

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



39, 4.888, 160.114



39, 4.888, 210.114



39, 4.888, 340.114



39, 4.888, 30.114

Sweetspot

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



39, 4.889, 160.110



51, 1.896, 160.691



39, 5.743, 126.299



26, 1.425, 160.620



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



39, 4.889, 160.110



50, 6.982, 159.965



39, 3.727, 193.333



18, 2.804, 160.174



40, 49.292, 147.687



83, 89.803, 146.134

Inverse Universe

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



37, 4.936, 341.427



47, 7.058, 341.569



37, 3.914, 14.487



17, 2.830, 341.365



22, 46.471, 354.985



51, 81.136, 357.465

Previews

White Background



This preview shows how the CIE LCh color 39, 4.888, 160.114 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, 4.888, 160.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

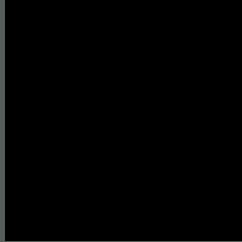
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

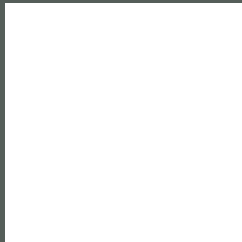
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 4.888, 160.114

Background



This preview shows how black text looks on a background with the CIELCh color 39, 4.888, 160.114.



This preview shows how white text looks on a background with the CIELCh color 39, 4.888, 160.114.

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, 4.888, 160.114

Protanopia

39, 2.228, 74.608

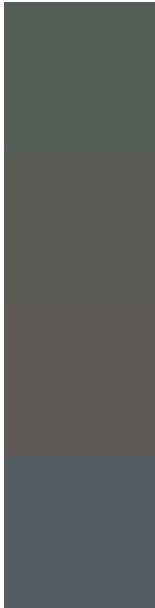
Deuteranopia

39, 5.203, 13.362



Tritanopia
39, 5.255, 268.488

Trichromacy



Original Color

39, 4.888, 160.114

Protanomaly

39, 2.481, 119.670

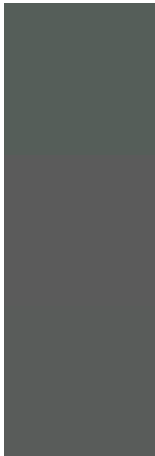
Deuteranomaly

39, 1.805, 39.203

Tritanomaly

39, 3.361, 232.374

Monochromacy



Original Color

39, 4.888, 160.114

Achromatopsia

39, 0.005, 296.813

Achromatomaly

39, 1.767, 155.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 4.888, 160.114 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(85, 94, 89)` looks like.

```
.text, #text, p{  
    color:rgb(85, 94, 89)  
}
```

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(85, 94, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 94, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 4.888, 160.114 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(85, 94, 89) }
```

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

```
.border{ border-color:rgb(85, 94, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 94, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 94, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 94, 89);  
box-shadow:4px 4px 4px 4px rgb(85, 94, 89)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 4.888, 160.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 94, 89) }
```

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

```
.background{ background-color: rgb(85, 94,  
89) }
```

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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