

Converting Colors

CIELCh(39, 2.821, 240.020)

Have a look what the booklet for
CIELCh(39, 2.821, 240.020) contains.

CIELCh(39, 3.034, 236.558)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(39, 3.034, 236.558)

Conversions

Conversions Part 1

Format	Color
Hex	575D60
RGB	87, 93, 96
RGB Percent	34%, 36%, 38%
CMY	0.6595, 0.6359, 0.6242
CMYK	0.09, 0.03, 0.00, 0.62
HSL	200°, 5%, 36%
HSV	200°, 9%, 38%
XYZ	9.9182, 10.6589, 12.5604
YIQ	91.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

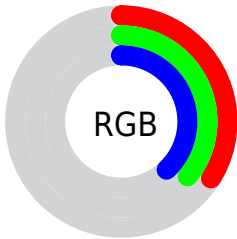
Format	Color
R_{YB}	87, 91, 96
Decimal	5725536
CIE Lab	39.00, -1.67, -2.53
CIE LCh	39, 3.034, 236.558
Yxy	10.6589, 0.2993, 0.3217
Android (android.graphics.Color)	4283915616 (0xFF575D60)
YUV	91.5480, 2.1948, -3.9886
Hunter-Lab	32.6480, -2.9075, 0.0436

Details

The CIELCh color **39, 3.034, 236.558** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 3.166, 54.899**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 2.829, 236.344**, and **19, 3.009, 242.344** is the 20% darker color. If you saturate the color by 10%, you get **37, 6.149, 237.490**, and if you desaturate by 10%, it is **41, 0.197, 54.179**.

Distribution



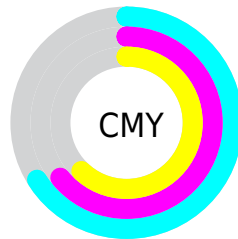
- Red (34%)
- Green (36%)
- Blue (38%)



- Red (34%)
- Yellow (36%)
- Blue (38%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (62%)



- Cyan (66%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 3.034, 236.558 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, 3.034, 236.558 by changing the saturation by 10% instead.

■ 39, 3.034, 236.558

■ 39, 3.034, 236.558

■ 100, 3.034,
236.558

■ 29, 3.034, 236.558

■ 59, 3.034, 236.558

■ 19, 3.034, 236.558

■ 69, 3.034, 236.558

■ 9, 3.034, 236.558

■ 79, 3.034, 236.558

■ 0, 3.034, 236.558

■ 89, 3.034, 236.558

■ 99, 3.034, 236.558

■ 39, 3.034, 236.558

■ 39, 3.034, 236.558

■ 37, 6.149, 237.490

■ 41, 0.197, 54.179

■ 36, 9.121, 238.706

■ 43, 3.519, 54.879

■ 34, 11.919,
240.213

■ 44, 6.909, 54.372

■ 32, 14.514,
242.070

■ 46, 10.348, 53.936

■ 31, 16.884,
244.344

■ 48, 13.822, 53.570

■ 29, 19.016,
247.106

■ 52, 20.821, 53.009

■ 28, 20.917,
250.417

■ 54, 24.329, 52.793

■ 27, 22.619,
254.306

■ 56, 27.831, 52.610

■ 25, 24.310,
258.223

Harmonies

Complementary

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



39, 3.034, 236.558



39, 3.166, 54.899

Rectangle

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



39, 3.034, 236.558



39, 3.034, 286.558



39, 3.034, 56.558



39, 3.034, 106.558

Sweetspot

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



39, 3.034, 236.536



52, 1.220, 236.192



40, 5.353, 154.385



26, 0.931, 236.196



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



39, 3.034, 236.536



50, 4.406, 236.700



38, 4.567, 282.428



19, 1.830, 236.497



30, 27.562, 259.509



63, 49.919, 262.967

Inverse Universe

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



38, 5.318, 336.234



48, 7.762, 336.372



40, 4.513, 100.394



18, 3.205, 336.198



24, 49.808, 346.281



53, 86.048, 347.831

Previews

White Background



This preview shows how the CIELCh color 39, 3.034, 236.558 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, 3.034, 236.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

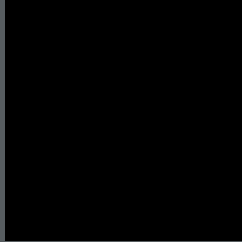
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

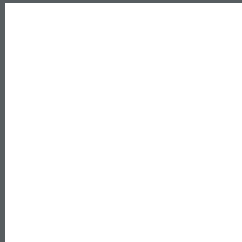
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 3.034, 236.558

Background



This preview shows how black text looks on a background with the CIELCh color 39, 3.034, 236.558.



This preview shows how white text looks on a background with the CIELCh color 39, 3.034, 236.558.

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, 3.034, 236.558

Protanopia

39, 2.496, 300.146

Deuteranopia

39, 6.203, 328.081



Tritanopia
39, 5.255, 268.488

Trichromacy



Original Color

39, 3.034, 236.558

Protanomaly

39, 2.004, 266.131

Deuteranomaly

39, 4.624, 311.788

Tritanomaly

39, 4.160, 261.628

Monochromacy



Original Color

39, 3.034, 236.558

Achromatopsia

39, 0.005, 296.813

Achromatomaly

39, 1.382, 225.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 3.034, 236.558 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(87, 93, 96)` looks like.

```
.text, #text, p{  
    color:rgb(87, 93, 96)  
}
```

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(87, 93, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 93, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 3.034, 236.558 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(87, 93, 96) }
```

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

```
.border{ border-color:rgb(87, 93, 96) }
```

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

Here you see how a box with a 4 pixel rgb(87, 93, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 93, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 93, 96);  
box-shadow:4px 4px 4px 4px rgb(87, 93, 96)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 3.034, 236.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 93, 96) }
```

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

```
.background{ background-color: rgb(87, 93,  
96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor