

Converting Colors

CIELCh(39, 6.641, 127.016)

Have a look what the booklet for
CIELCh(39, 6.641, 127.016) contains.

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Color

CIELCh(39, 7.052, 126.972)

Conversions

Conversions Part 1

Format	Color
Hex	595E53
RGB	89, 94, 83
RGB Percent	35%, 37%, 33%
CMY	0.6525, 0.6329, 0.6760
CMYK	0.05, 0.00, 0.12, 0.63
HSL	87°, 6%, 35%
HSV	87°, 12%, 37%
XYZ	9.5969, 10.6589, 9.6576
YIQ	91.2510, 0.5510, -4.4810

Conversions

Conversions Part 2

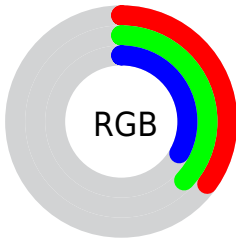
Format	Color
R_YB	83, 94, 88
Decimal	5856851
CIE Lab	39.00, -4.24, 5.63
CIE LCh	39, 7.052, 126.972
Yxy	10.6589, 0.3208, 0.3563
Android (android.graphics.Color)	4284046931 (0xFF595E53)
YUV	91.2510, -4.0677, -1.9741
Hunter-Lab	32.6480, -4.6638, 5.3150

Details

The CIELCh color **39, 7.052, 126.972** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **36, 7.173, 307.977**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 7.070, 125.729**, and **19, 7.083, 124.649** is the 20% darker color. If you saturate the color by 10%, you get **38, 13.061, 126.521**, and if you desaturate by 10%, it is **40, 1.041, 127.455**.

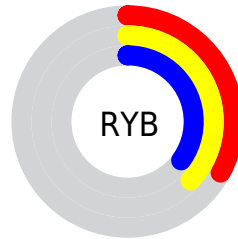
Distribution



Red (35%)

Green (37%)

Blue (33%)



Red (33%)

Yellow (37%)

Blue (35%)

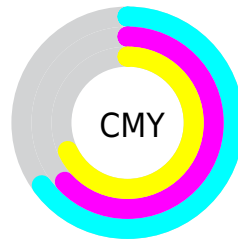


Cyan (5%)

Magenta (0%)

Yellow (12%)

Black (63%)



Cyan (65%)

Magenta (63%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 7.052, 126.972 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, 7.052, 126.972 by changing the saturation by 10% instead.

■ 39, 7.052, 126.972

■ 39, 7.052, 126.972

■ 100, 7.052,
126.972

■ 29, 7.052, 126.972

■ 59, 7.052, 126.972

■ 19, 7.052, 126.972

■ 69, 7.052, 126.972

■ 9, 7.052, 126.972

■ 79, 7.052, 126.972

■ 0, 7.052, 126.972

■ 89, 7.052, 126.972

■ 99, 7.052, 126.972

■ 39, 7.052, 126.972

■ 39, 7.052, 126.972

■ 38, 13.061,
126.521

■ 40, 1.041, 127.455

■ 38, 19.023,
126.059

■ 40, 4.946, 307.789

■ 37, 24.881,
125.607

■ 41, 10.887,
308.169

■ 37, 30.554,
125.194

■ 42, 16.765,
308.514

■ 36, 35.925,
124.865

■ 43, 22.568,
308.828

■ 36, 40.834,
124.687

■ 43, 28.289,
309.113

■ 36, 45.072,
124.749

■ 44, 33.923,
309.371

■ 36, 48.453,
125.131

■ 45, 39.465,
309.603

■ 35, 51.151,
125.361

■ 46, 44.914,
309.813

Harmonies

Complementary

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



39, 7.052, 126.972



36, 7.173, 307.977

Rectangle

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



39, 7.052, 126.972



39, 7.052, 176.972



39, 7.052, 306.972



39, 7.052, 356.972

Sweetspot

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



39, 7.053, 126.976



51, 2.989, 127.321



38, 4.020, 68.520



26, 2.105, 127.295



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, 7.053, 126.976



50, 10.488, 126.854



39, 8.109, 142.511



19, 3.309, 127.107



41, 57.321, 125.680



85, 101.983, 126.727

Inverse Universe

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



36, 7.173, 307.977



46, 10.703, 308.106



36, 8.128, 323.642



17, 3.354, 307.840



14, 67.303, 311.448



37, 119.483, 310.741

Previews

White Background



This preview shows how the CIELCh color 39, 7.052, 126.972 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, 7.052, 126.972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

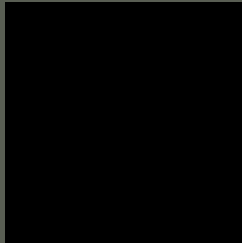
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

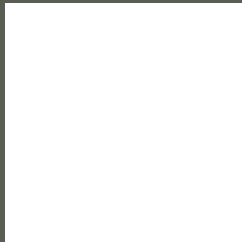
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 7.052, 126.972

Background



This preview shows how black text looks on a background with the CIELCh color 39, 7.052, 126.972.



This preview shows how white text looks on a background with the CIELCh color 39, 7.052, 126.972.

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, 7.052, 126.972

Protanopia

39, 5.910, 87.439

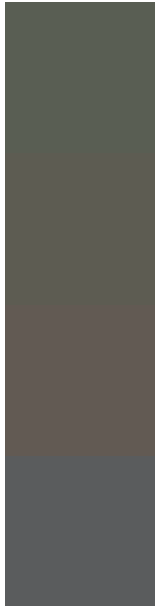
Deuteranopia

39, 7.501, 39.167



Tritanopia
39, 4.906, 290.950

Trichromacy



Original Color

39, 7.052, 126.972

Protanomaly

39, 6.108, 105.099

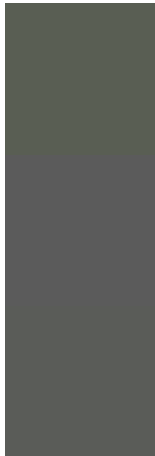
Deuteranomaly

39, 5.537, 70.009

Tritanomaly

39, 1.029, 236.213

Monochromacy



Original Color

39, 7.052, 126.972

Achromatopsia

39, 0.005, 296.813

Achromatomaly

39, 2.594, 128.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 7.052, 126.972 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(89, 94, 83)` looks like.

```
.text, #text, p{  
    color:rgb(89, 94, 83)  
}
```

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(89, 94, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 94, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 7.052, 126.972 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(89, 94, 83) }
```

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

```
.border{ border-color:rgb(89, 94, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 94, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 94, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 94, 83);  
box-shadow:4px 4px 4px 4px rgb(89, 94, 83)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 7.052, 126.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 94, 83) }
```

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

```
.background{ background-color: rgb(89, 94,  
83) }
```

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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