

Converting Colors

CIELCh(39, 27.853, 108.318)

Have a look what the booklet for
CIELCh(39, 27.853, 108.318)
contains.

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Color

CIELCh(39, 27.819, 108.758)

Conversions

Conversions Part 1

Format	Color
Hex	5C5F30
RGB	92, 95, 48
RGB Percent	36%, 37%, 19%
CMY	0.6395, 0.6277, 0.8120
CMYK	0.03, 0.00, 0.50, 0.63
HSL	64°, 33%, 28%
HSV	64°, 50%, 37%
XYZ	9.0269, 10.6589, 4.3720
YIQ	88.7450, 13.2990, -15.2530

Conversions

Conversions Part 2

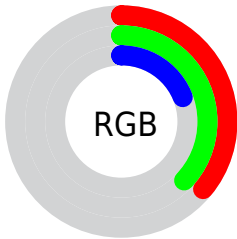
Format	Color
R_{YB}	48, 95, 51
Decimal	6053680
CIE Lab	39.00, -8.95, 26.34
CIE LCh	39, 27.819, 108.758
Yxy	10.6589, 0.3752, 0.4431
Android (android.graphics.Color)	4284243760 (0xFF5C5F30)
YUV	88.7450, -20.0873, 2.8546
Hunter-Lab	32.6480, -7.7806, 14.9139

Details

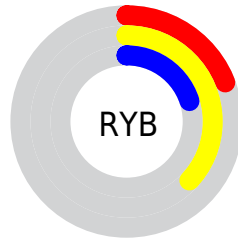
The CIELCh color **39, 27.819, 108.758** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **22, 31.448, 298.398**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 27.814, 108.727**, and **19, 27.899, 108.498** is the 20% darker color. If you saturate the color by 10%, you get **39, 32.881, 108.065**, and if you desaturate by 10%, it is **39, 22.453, 109.519**.

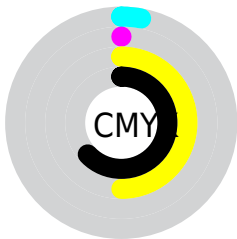
Distribution



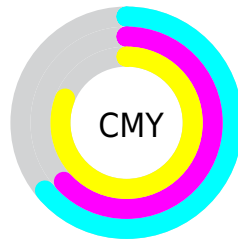
- Red (36%)
- Green (37%)
- Blue (19%)



- Red (19%)
- Yellow (37%)
- Blue (20%)



- Cyan (3%)
- Magenta (0%)
- Yellow (50%)
- Black (63%)




- Cyan (64%)
- Magenta (63%)
- Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 27.819, 108.758 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, 27.819, 108.758 by changing the saturation by 10% instead.

 39, 27.819,
108.758


 39, 27.819,
108.758

 100, 27.819,
108.758


 29, 27.819,
108.758

 59, 27.819,
108.758


 19, 27.819,
108.758


 69, 27.819,
108.758

 9, 27.819, 108.758

 79, 27.819,
108.758

 0, 27.819, 108.758

 89, 27.819,
108.758

 99, 27.819,
108.758

■ 39, 27.819,
108.758

■ 39, 27.819,
108.758

■ 39, 32.881,
108.065

■ 39, 22.453,
109.519

■ 39, 37.478,
107.468

■ 39, 16.895,
110.314

■ 39, 41.397,
107.014

■ 40, 11.220,
111.123

■ 38, 44.401,
106.750

■ 40, 5.478, 111.931

■ 40, 0.295, 292.812

■ 38, 47.020,
106.555

■ 41, 6.076, 293.514

■ 38, 47.159,
106.543

■ 41, 11.849,
294.263

■ 41, 17.602,
294.982

■ 42, 23.325,
295.668

Harmonies

Complementary

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



39, 27.819, 108.758



22, 31.448, 298.398

Rectangle

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



39, 27.819, 108.758



39, 27.819, 158.758



39, 27.819, 288.758



39, 27.819, 338.758

Sweetspot

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



39, 27.820, 108.761



51, 10.650, 111.452



27, 22.389, 27.674



25, 7.195, 111.342



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, 27.820, 108.761



50, 40.082, 107.984



37, 30.414, 128.668



20, 3.289, 111.979



45, 53.050, 106.617



91, 92.770, 106.851

Inverse Universe

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



22, 31.448, 298.398



25, 47.108, 300.251



25, 32.254, 312.963



18, 3.355, 293.449



11, 72.643, 306.627



30, 127.392, 306.431

Previews

White Background



This preview shows how the CIELCh color 39, 27.819, 108.758 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, 27.819, 108.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

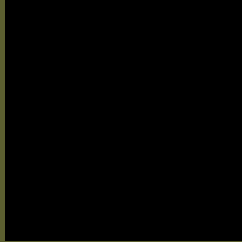
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

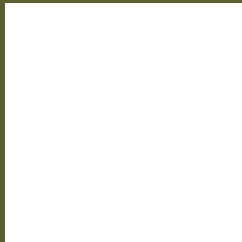
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 27.819, 108.758

Background



This preview shows how black text looks on a background with the CIELCh color 39, 27.819, 108.758.



This preview shows how white text looks on a background with the CIELCh color 39, 27.819, 108.758.

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, 27.819, 108.758

Protanopia

39, 27.179, 96.573

Deuteranopia

39, 26.063, 79.504



Tritanopia
39, 5.211, 324.780

Trichromacy



Original Color
39, 27.819, 108.758

Protanomaly
39, 27.421, 100.735

Deuteranomaly
39, 26.140, 90.951

Tritanomaly
39, 8.024, 99.364

Monochromacy



Original Color
39, 27.819, 108.758

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 10.379, 110.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 27.819, 108.758 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(92, 95, 48)` looks like.

```
.text, #text, p{  
    color:rgb(92, 95, 48)  
}
```

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(92, 95, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 95, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 27.819, 108.758 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(92, 95, 48) }
```

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

```
.border{ border-color:rgb(92, 95, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 95, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 95, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 95, 48);  
box-shadow:4px 4px 4px 4px rgb(92, 95, 48)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 27.819, 108.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 95, 48) }
```

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

```
.background{ background-color: rgb(92, 95,  
48) }
```

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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