

Converting Colors

CIELCh(30, 56.480, 39.413)

Have a look what the booklet for
CIELCh(30, 56.480, 39.413) contains.

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Color

CIELCh(30, 56.318, 39.248)

Conversions

Conversions Part 1

Format	Color
Hex	881E10
RGB	136, 30, 16
RGB Percent	53%, 12%, 6%
CMY	0.4656, 0.8813, 0.9365
CMYK	0.00, 0.78, 0.88, 0.47
HSL	7°, 79%, 30%
HSV	7°, 88%, 53%
XYZ	10.7616, 6.2359, 1.1342
YIQ	60.0980, 67.6700, 18.1180

Conversions

Conversions Part 2

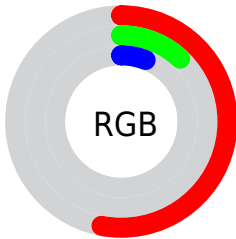
Format	Color
RYB	136, 32, 16
Decimal	8920592
CIELab	30.00, 43.61, 35.63
CIElCh	30, 56.318, 39.248
Yxy	6.2359, 0.5935, 0.3439
Android (android.graphics.Color)	4287110672 (0xFF881E10)
YUV	60.0980, -21.7403, 66.5661
Hunter-Lab	24.9718, 33.2243, 14.7873

Details

The CIELCh color **30, 56.318, 39.248** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **47, 27.110, 215.021**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 56.477, 39.225**, and **13, 39.430, 31.373** is the 20% darker color. If you saturate the color by 10%, you get **29, 61.962, 40.766**, and if you desaturate by 10%, it is **32, 49.405, 37.312**.

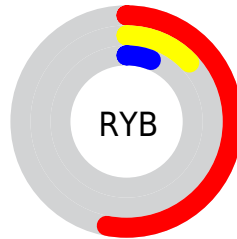
Distribution



Red (53%)

Green (12%)

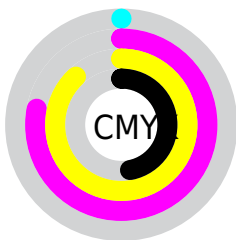
Blue (6%)



Red (53%)

Yellow (13%)

Blue (6%)

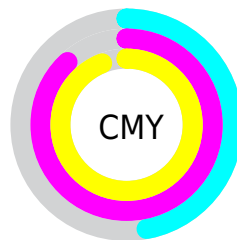


Cyan (0%)

Magenta (78%)

Yellow (88%)

Black (47%)



Cyan (47%)

Magenta (88%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 56.318, 39.248 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 30, 56.318, 39.248 by changing the saturation by 10% instead.

■ 30, 56.318, 39.248

■ 30, 56.318, 39.248

■ 100, 56.318,
39.248

■ 20, 56.318, 39.248

■ 50, 56.318, 39.248

■ 10, 56.318, 39.248

■ 60, 56.318, 39.248

■ 0, 56.318, 39.248

■ 70, 56.318, 39.248

■ 80, 56.318, 39.248

■ 90, 56.318, 39.248

■ 30, 56.318, 39.248

■ 30, 56.318, 39.248

■ 29, 61.962, 40.766

■ 32, 49.405, 37.312

28, 62.906, 41.088

34, 42.107, 35.468

37, 34.855, 33.931

40, 27.864, 32.733

43, 21.250, 31.841

47, 15.066, 31.197

50, 9.324, 30.745

54, 4.013, 30.405

58, 0.896, 210.815

Harmonies

Complementary

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



30, 56.318, 39.248



47, 27.110, 215.021

Rectangle

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



30, 56.318, 39.248



30, 56.318, 89.248



30, 56.318, 219.248



30, 56.318, 269.248

Sweetspot

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



30, 56.316, 39.250



60, 17.059, 31.116



32, 64.148, 332.720



30, 11.795, 31.276



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



30, 56.316, 39.250



37, 77.271, 41.531



42, 47.666, 74.324



27, 2.826, 30.441



28, 61.477, 40.970



0, 1.268, 30.362

Inverse Universe

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



47, 27.110, 215.021



59, 33.412, 217.629



28, 47.923, 288.207



28, 2.669, 210.374



45, 27.203, 217.060



1, 1.268, 210.381

Previews

White Background



This preview shows how the CIELCh color 30, 56.318, 39.248 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 30, 56.318, 39.248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30, 56.318, 39.248

Background



This preview shows how black text looks on a background with the CIELCh color 30, 56.318, 39.248.



This preview shows how white text looks on a background with the CIELCh color 30, 56.318, 39.248.

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

30, 56.318, 39.248

Protanopia

31, 28.375, 95.393

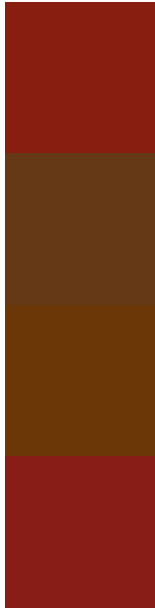
Deuteranopia

31, 39.828, 85.636



Tritanopia
30, 52.637, 32.544

Trichromacy



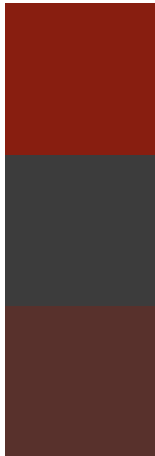
Original Color
30, 56.318, 39.248

Protanomaly
29, 33.492, 60.808

Deuteranomaly
29, 42.036, 61.951

Tritanomaly
30, 54.112, 35.252

Monochromacy



Original Color
30, 56.318, 39.248

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 20.219, 32.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 56.318, 39.248 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(136, 30, 16)` looks like.

```
.text, #text, p{  
    color:rgb(136, 30, 16)  
}
```

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(136, 30, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 30, 16) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 56.318, 39.248 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(136, 30, 16) }
```

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

```
.border{ border-color:rgb(136, 30, 16) }
```

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

Here you see how a box with a 4 pixel rgb(136, 30, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 30, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 30, 16);  
box-shadow:4px 4px 4px 4px rgb(136, 30,  
16) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 56.318, 39.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 30, 16) }
```

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

```
.background{ background-color: rgb(136, 30,  
16) }
```

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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