

Converting Colors

CIELCh(39, 37.037, 63.588)

Have a look what the booklet for
CIELCh(39, 37.037, 63.588) contains.

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Color

CIELCh(39, 37.370, 63.127)

Conversions

Conversions Part 1

Format	Color
Hex	825025
RGB	130, 80, 37
RGB Percent	51%, 31%, 15%
CMY	0.4894, 0.6856, 0.8543
CMYK	0.00, 0.38, 0.71, 0.49
HSL	28°, 56%, 33%
HSV	28°, 71%, 51%
XYZ	12.4546, 10.6589, 3.1648
YIQ	90.0480, 43.6030, -2.7730

Conversions

Conversions Part 2

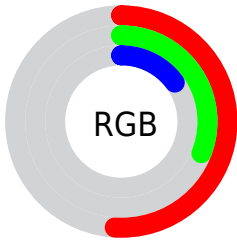
Format	Color
R _Y B	130, 117, 37
Decimal	8540197
CIE Lab	39.00, 16.89, 33.33
CIE LCh	39, 37.370, 63.127
Yxy	10.6589, 0.4739, 0.4056
Android (android.graphics.Color)	4286730277 (0xFF825025)
YUV	90.0480, -26.1527, 35.0379
Hunter-Lab	32.6480, 10.9600, 17.1062

Details

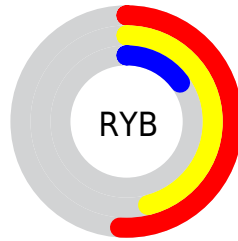
The CIELCh color **39, 37.370, 63.127** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **36, 29.066, 266.729**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 37.169, 62.764**, and **19, 33.040, 58.214** is the 20% darker color. If you saturate the color by 10%, you get **37, 43.046, 61.805**, and if you desaturate by 10%, it is **41, 31.535, 64.305**.

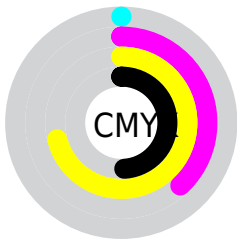
Distribution



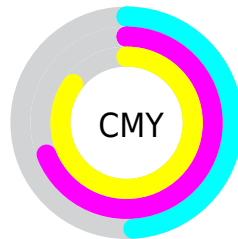
- Red (51%)
- Green (31%)
- Blue (15%)



- Red (51%)
- Yellow (46%)
- Blue (15%)



- Cyan (0%)
- Magenta (38%)
- Yellow (71%)
- Black (49%)



- Cyan (49%)
- Magenta (69%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 37.370, 63.127 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, 37.370, 63.127 by changing the saturation by 10% instead.

■ 39, 37.370, 63.127

■ 39, 37.370, 63.127

■ 100, 37.370,
63.127

■ 29, 37.370, 63.127

■ 59, 37.370, 63.127

■ 19, 37.370, 63.127

■ 69, 37.370, 63.127

■ 9, 37.370, 63.127

■ 79, 37.370, 63.127

■ 0, 37.370, 63.127

■ 89, 37.370, 63.127

■ 99, 37.370, 63.127

■ 39, 37.370, 63.127

■ 39, 37.370, 63.127

■ 37, 43.046, 61.805

■ 41, 31.535, 64.305

35, 48.093, 60.116

43, 25.792, 65.430

34, 52.266, 58.797

45, 20.257, 66.548

47, 14.973, 67.669

50, 9.950, 68.790

52, 5.177, 69.893

54, 0.637, 70.614

56, 3.692, 252.249

59, 7.832, 253.284

Harmonies

Complementary

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



39, 37.370, 63.127



36, 29.066, 266.729

Rectangle

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



39, 37.370, 63.127



39, 37.370, 113.127



39, 37.370, 243.127



39, 37.370, 293.127

Sweetspot

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



39, 37.369, 63.130



63, 12.013, 68.788



31, 45.261, 349.058



32, 8.141, 68.535



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



39, 37.369, 63.130



47, 56.007, 60.772



51, 47.295, 101.419



27, 2.572, 70.138



34, 52.221, 58.801



0, 0.605, 71.223

Inverse Universe

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



36, 29.066, 266.729



42, 42.287, 273.390



23, 58.019, 299.975



27, 2.507, 252.392



29, 39.510, 278.587



0, 0.605, 251.237

Previews

White Background



This preview shows how the CIELCh color 39, 37.370, 63.127 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, 37.370, 63.127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

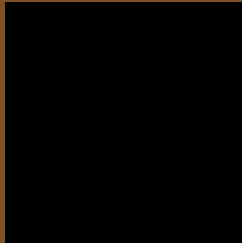
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 37.370, 63.127

Background



This preview shows how black text looks on a background with the CIELCh color 39, 37.370, 63.127.



This preview shows how white text looks on a background with the CIELCh color 39, 37.370, 63.127.

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, 37.370, 63.127

Protanopia

39, 30.607, 95.123

Deuteranopia

39, 34.425, 81.751



Tritanopia
39, 26.275, 15.922

Trichromacy



Original Color
39, 37.370, 63.127

Protanomaly
39, 31.498, 82.074

Deuteranomaly
39, 35.018, 73.984

Tritanomaly
39, 27.711, 38.000

Monochromacy



Original Color
39, 37.370, 63.127

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 12.840, 65.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 37.370, 63.127 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(130, 80, 37)` looks like.

```
.text, #text, p{  
    color:rgb(130, 80, 37)  
}
```

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(130, 80, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 80, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 37.370, 63.127 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(130, 80, 37) }
```

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

```
.border{ border-color:rgb(130, 80, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 80, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 80, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 80, 37);  
box-shadow:4px 4px 4px 4px rgb(130, 80,  
37) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 37.370, 63.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 80, 37) }
```

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

```
.background{ background-color: rgb(130, 80,  
37) }
```

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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