

Converting Colors

CIELCh(39, 38.044, 70.468)

Have a look what the booklet for
CIELCh(39, 38.044, 70.468) contains.

CIELCh(39, 37.894, 70.734)	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, 37.894, 70.734)

Conversions

Conversions Part 1

Format	Color
Hex	7D5320
RGB	125, 83, 32
RGB Percent	49%, 33%, 13%
CMY	0.5097, 0.6744, 0.8744
CMYK	0.00, 0.34, 0.74, 0.51
HSL	33°, 59%, 31%
HSV	33°, 74%, 49%
XYZ	11.8200, 10.6589, 2.8032
YIQ	89.7440, 41.4030, -6.9570

Conversions

Conversions Part 2

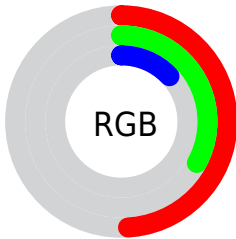
Format	Color
R _Y B	109, 125, 32
Decimal	8213280
CIE Lab	39.00, 12.50, 35.77
CIE LCh	39, 37.894, 70.734
Yxy	10.6589, 0.4675, 0.4216
Android (android.graphics.Color)	4286403360 (0xFF7D5320)
YUV	89.7440, -28.4678, 30.9195
Hunter-Lab	32.6480, 7.4906, 17.7629

Details

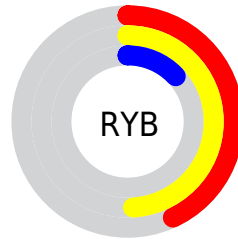
The CIELCh color **39, 37.894, 70.734** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **31, 33.404, 277.027**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 37.954, 70.313**, and **19, 30.687, 64.906** is the 20% darker color. If you saturate the color by 10%, you get **37, 42.782, 69.054**, and if you desaturate by 10%, it is **41, 32.585, 72.210**.

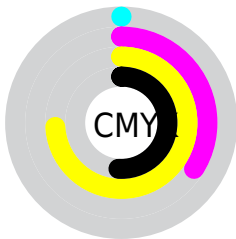
Distribution



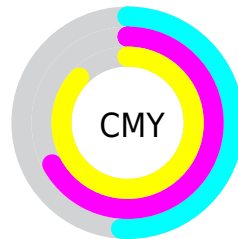
- Red (49%)
- Green (33%)
- Blue (13%)



- Red (43%)
- Yellow (49%)
- Blue (13%)



- Cyan (0%)
- Magenta (34%)
- Yellow (74%)
- Black (51%)



- Cyan (51%)
- Magenta (67%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 37.894, 70.734 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, 37.894, 70.734 by changing the saturation by 10% instead.

■ 39, 37.894, 70.734

■ 39, 37.894, 70.734

■ 100, 37.894,
70.734

■ 29, 37.894, 70.734

■ 59, 37.894, 70.734

■ 19, 37.894, 70.734

■ 69, 37.894, 70.734

■ 9, 37.894, 70.734

■ 79, 37.894, 70.734

■ 0, 37.894, 70.734

■ 89, 37.894, 70.734

■ 99, 37.894, 70.734

■ 39, 37.894, 70.734

■ 39, 37.894, 70.734

■ 37, 42.782, 69.054

■ 41, 32.585, 72.210

36, 46.813, 67.001

42, 27.169, 73.583

35, 49.217, 66.033

44, 21.813, 74.906

46, 16.596, 76.199

48, 11.551, 77.465

50, 6.686, 78.698

52, 1.997, 79.833

54, 2.530, 261.226

55, 6.907, 262.312

Harmonies

Complementary

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



39, 37.894, 70.734



31, 33.404, 277.027

Rectangle

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



39, 37.894, 70.734



39, 37.894, 120.734



39, 37.894, 250.734



39, 37.894, 300.734

Sweetspot

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



39, 37.893, 70.737



62, 12.916, 77.696



29, 43.473, 355.425



31, 8.669, 77.428



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



39, 37.893, 70.737



48, 55.363, 67.696



51, 49.044, 105.561



26, 2.636, 79.322



36, 49.924, 65.956



0, 0.000, 0.000

Inverse Universe

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



31, 33.404, 277.027



36, 49.838, 283.526



20, 61.544, 302.578



25, 2.601, 261.685



25, 45.984, 287.014



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 39, 37.894, 70.734 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, 37.894, 70.734 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, 37.894, 70.734

Background



This preview shows how black text looks on a background with the CIELCh color 39, 37.894, 70.734.



This preview shows how white text looks on a background with the CIELCh color 39, 37.894, 70.734.

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, 37.894, 70.734

Protanopia

39, 33.683, 95.485

Deuteranopia

39, 36.313, 82.585



Tritanopia
39, 22.550, 13.862

Trichromacy



Original Color
39, 37.894, 70.734

Protanomaly
39, 34.324, 86.074

Deuteranomaly
39, 36.909, 77.790

Tritanomaly
39, 24.713, 43.533

Monochromacy



Original Color
39, 37.894, 70.734

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 13.386, 74.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 37.894, 70.734 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(125, 83, 32)` looks like.

```
.text, #text, p{  
    color:rgb(125, 83, 32)  
}
```

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(125, 83, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 83, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 37.894, 70.734 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(125, 83, 32) }
```

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

```
.border{ border-color:rgb(125, 83, 32) }
```

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

Here you see how a box with a 4 pixel rgb(125, 83, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 83, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 83, 32);  
box-shadow:4px 4px 4px 4px rgb(125, 83,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 37.894, 70.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 83, 32) }
```

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

```
.background{ background-color: rgb(125, 83,  
32) }
```

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