

Converting Colors

CIELCh(39, 32.407, 80.299)

Have a look what the booklet for
CIELCh(39, 32.407, 80.299) contains.

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Color

CIELCh(39, 32.254, 79.602)

Conversions

Conversions Part 1

Format	Color
Hex	735727
RGB	115, 87, 39
RGB Percent	45%, 34%, 15%
CMY	0.5481, 0.6580, 0.8463
CMYK	0.00, 0.24, 0.66, 0.55
HSL	38°, 49%, 30%
HSV	38°, 66%, 45%
XYZ	10.8958, 10.6589, 3.4200
YIQ	89.9000, 32.0960, -8.9920

Conversions

Conversions Part 2

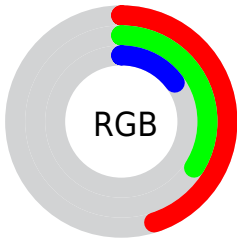
Format	Color
RYB	83, 115, 39
Decimal	7558951
CIELab	39.00, 5.82, 31.72
CIELCh	39, 32.254, 79.602
Yxy	10.6589, 0.4363, 0.4268
Android (android.graphics.Color)	4285749031 (0xFF735727)
YUV	89.9000, -25.0937, 22.0127
Hunter-Lab	32.6480, 2.4377, 16.6428

Details

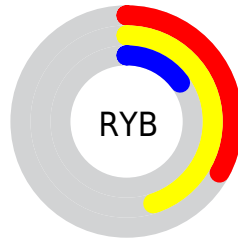
The CIELCh color **39, 32.254, 79.602** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **29, 31.412, 281.277**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 32.288, 80.237**, and **19, 28.071, 77.345** is the 20% darker color. If you saturate the color by 10%, you get **38, 36.961, 78.076**, and if you desaturate by 10%, it is **40, 27.281, 81.032**.

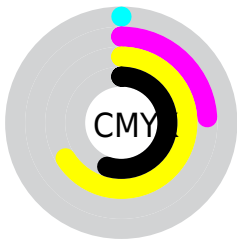
Distribution



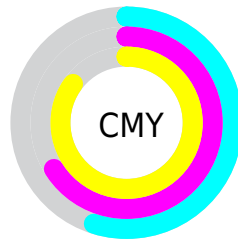
- Red (45%)
- Green (34%)
- Blue (15%)



- Red (33%)
- Yellow (45%)
- Blue (15%)



- Cyan (0%)
- Magenta (24%)
- Yellow (66%)
- Black (55%)



- Cyan (55%)
- Magenta (66%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 32.254, 79.602 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, 32.254, 79.602 by changing the saturation by 10% instead.

■ 39, 32.254, 79.602

■ 39, 32.254, 79.602

■ 100, 32.254,
79.602

■ 29, 32.254, 79.602

■ 59, 32.254, 79.602

■ 19, 32.254, 79.602

■ 69, 32.254, 79.602

■ 9, 32.254, 79.602

■ 79, 32.254, 79.602

■ 0, 32.254, 79.602

■ 89, 32.254, 79.602

■ 99, 32.254, 79.602

■ 39, 32.254, 79.602

■ 39, 32.254, 79.602

■ 38, 36.961, 78.076

■ 40, 27.281, 81.032

■ 36, 41.078, 76.354

■ 42, 22.235, 82.398

■ 35, 44.397, 74.404

■ 43, 17.220, 83.722

■ 35, 45.895, 73.742

■ 45, 12.289, 85.010

■ 46, 7.465, 86.257

■ 48, 2.756, 87.434

■ 49, 1.839, 268.772

■ 51, 6.327, 269.836

■ 52, 10.714,
270.910

Harmonies

Complementary

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



39, 32.254, 79.602



29, 31.412, 281.277

Rectangle

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



39, 32.254, 79.602



39, 32.254, 129.602



39, 32.254, 259.602



39, 32.254, 309.602

Sweetspot

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



39, 32.254, 79.606



58, 11.691, 85.696



28, 36.259, 359.421



30, 8.061, 85.417



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



39, 32.254, 79.606



48, 47.475, 77.234



46, 42.127, 110.137



24, 2.644, 87.086



37, 47.920, 73.529



73, 81.318, 71.679

Inverse Universe

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



29, 31.412, 281.277



33, 47.378, 286.219



21, 50.506, 302.504



23, 2.635, 269.381



21, 51.630, 293.076



45, 92.741, 295.242

Previews

White Background



This preview shows how the CIELCh color 39, 32.254, 79.602 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, 32.254, 79.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

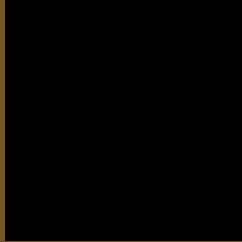
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 32.254, 79.602

Background



This preview shows how black text looks on a background with the CIELCh color 39, 32.254, 79.602.



This preview shows how white text looks on a background with the CIELCh color 39, 32.254, 79.602.

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, 32.254, 79.602

Protanopia

39, 30.511, 96.037

Deuteranopia

39, 32.229, 81.535



Tritanopia
39, 16.636, 9.412

Trichromacy



Original Color
39, 32.254, 79.602

Protanomaly
39, 30.919, 89.481

Deuteranomaly
39, 32.229, 81.535

Tritanomaly
39, 18.381, 48.537

Monochromacy



Original Color
39, 32.254, 79.602

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 11.378, 84.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 32.254, 79.602 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(115, 87, 39)` looks like.

```
.text, #text, p{  
    color:rgb(115, 87, 39)  
}
```

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(115, 87, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 87, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 32.254, 79.602 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(115, 87, 39) }
```

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

```
.border{ border-color:rgb(115, 87, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 87, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 87, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 87, 39);  
box-shadow:4px 4px 4px 4px rgb(115, 87,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 32.254, 79.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 87, 39) }
```

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

```
.background{ background-color: rgb(115, 87,  
39) }
```

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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