

Converting Colors

CIELCh(39, 40.584, 103.814)

Have a look what the booklet for
CIELCh(39, 40.584, 103.814)
contains.

CIELCh(39, 40.771, 103.784)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(39, 40.771, 103.784)

Conversions

Conversions Part 1

Format	Color
Hex	5F5F15
RGB	95, 95, 21
RGB Percent	37%, 37%, 8%
CMY	0.6277, 0.6276, 0.9179
CMYK	0.00, 0.00, 0.78, 0.63
HSL	60°, 64%, 23%
HSV	60°, 78%, 37%
XYZ	8.9359, 10.6589, 2.2930
YIQ	86.5640, 23.7540, -23.0140

Conversions

Conversions Part 2

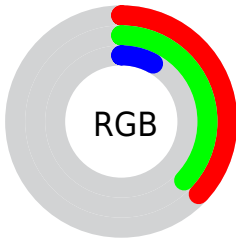
Format	Color
R_{YB}	21, 95, 21
Decimal	6250261
CIE _{Lab}	39.00, -9.71, 39.60
CIE _{LCh}	39, 40.771, 103.784
Yxy	10.6589, 0.4083, 0.4870
Android (android.graphics.Color)	4284440341 (0xFF5F5F15)
YUV	86.5640, -32.3231, 7.3984
Hunter-Lab	32.6480, -8.2776, 18.6894

Details

The CIELCh color $39, 40.771, 103.784$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $13, 51.536, 302.358$, and the grayscale version is $37, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 40.849, 103.524$, and $19, 28.265, 107.264$ is the 20% darker color. If you saturate the color by 10%, you get $39, 43.911, 103.316$, and if you desaturate by 10%, it is $39, 36.747, 104.400$.

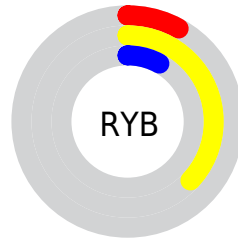
Distribution



Red (37%)

Green (37%)

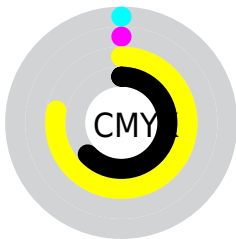
Blue (8%)



Red (8%)

Yellow (37%)

Blue (8%)

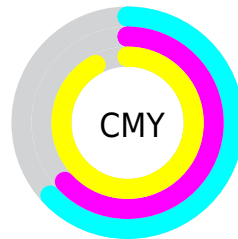


Cyan (0%)

Magenta (0%)

Yellow (78%)

Black (63%)



Cyan (63%)


Magenta (63%)

Yellow (92%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 40.771, 103.784 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, 40.771, 103.784 by changing the saturation by 10% instead.

 39, 40.771,
103.784

 39, 40.771,
103.784

 100, 40.771,
103.784


 29, 40.771,
103.784

 59, 40.771,
103.784


 19, 40.771,
103.784

 69, 40.771,
103.784

 9, 40.771, 103.784

 79, 40.771,
103.784

 0, 40.771, 103.784

 89, 40.771,
103.784

 99, 40.771,
103.784

■ 39, 40.771,
103.784

■ 39, 40.771,
103.784

■ 39, 43.911,
103.316

■ 39, 36.747,
104.400

■ 39, 46.473,
102.938

■ 39, 32.075,
105.125

■ 39, 47.033,
102.857

■ 39, 26.965,
105.929

■ 39, 21.568,
106.786

■ 40, 15.994,
107.673

■ 40, 10.313,
108.572

■ 40, 4.573, 109.467

■ 40, 1.194, 290.394

Harmonies

Complementary

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



39, 40.771, 103.784



13, 51.536, 302.358

Rectangle

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



39, 40.771, 103.784



39, 40.771, 153.784



39, 40.771, 283.784



39, 40.771, 333.784

Sweetspot

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



39, 40.771, 103.786



51, 16.259, 108.055



20, 38.739, 31.281



25, 11.136, 107.834



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, 40.771, 103.786



50, 54.845, 103.034



36, 44.626, 126.318



20, 3.284, 109.382



46, 52.900, 102.857



92, 92.475, 102.857

Inverse Universe

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



13, 51.536, 302.358



13, 74.216, 305.440



17, 49.806, 312.496



18, 3.349, 291.030



10, 73.044, 306.288



30, 127.692, 306.287

Previews

White Background



This preview shows how the CIELCh color 39, 40.771, 103.784 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, 40.771, 103.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

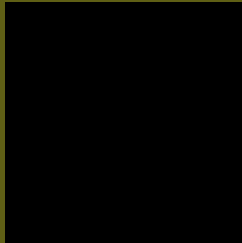
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 40.771, 103.784

Background



This preview shows how black text looks on a background with the CIELCh color 39, 40.771, 103.784.



This preview shows how white text looks on a background with the CIELCh color 39, 40.771, 103.784.

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, 40.771, 103.784

Protanopia

39, 40.336, 95.865

Deuteranopia

39, 38.761, 82.649



Tritanopia
39, 6.980, 342.583

Trichromacy



Original Color
39, 40.771, 103.784

Protanomaly
39, 40.490, 98.774

Deuteranomaly
39, 38.662, 90.439

Tritanomaly
39, 14.479, 93.103

Monochromacy



Original Color
39, 40.771, 103.784

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 16.412, 107.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 40.771, 103.784 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(95, 95, 21)` looks like.

```
.text, #text, p{  
    color:rgb(95, 95, 21)  
}
```

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(95, 95, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 95, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 40.771, 103.784 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(95, 95, 21) }
```

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

```
.border{ border-color:rgb(95, 95, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 95, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 95, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 95, 21);  
box-shadow:4px 4px 4px 4px rgb(95, 95, 21)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 40.771, 103.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 95, 21) }
```

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

```
.background{ background-color: rgb(95, 95,  
21) }
```

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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