

Converting Colors

CIELCh(39, 53.910, 124.730)

Have a look what the booklet for
CIELCh(39, 53.910, 124.730)
contains.

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Color

CIELCh(39, 53.817, 124.789)

Conversions

Conversions Part 1

Format	Color
Hex	3B6702
RGB	59, 103, 2
RGB Percent	23%, 40%, 1%
CMY	0.7682, 0.5957, 0.9916
CMYK	0.43, 0.00, 0.98, 0.60
HSL	86°, 96%, 21%
HSV	86°, 98%, 40%
XYZ	6.6823, 10.6589, 1.7664
YIQ	78.3300, 6.1970, -40.7390

Conversions

Conversions Part 2

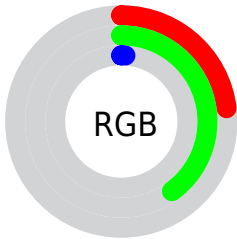
Format	Color
R_{YB}	2, 103, 46
Decimal	3892994
CIE _{Lab}	39.00, -30.71, 44.20
CIE _{LCh}	39, 53.817, 124.789
Yxy	10.6589, 0.3497, 0.5578
Android (android.graphics.Color)	4282083074 (0xFF3B6702)
YUV	78.3300, -37.6307, -16.9524
Hunter-Lab	32.6480, -20.5992, 19.6458

Details

The CIELCh color **39, 53.817, 124.789** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **13, 63.560, 311.077**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 53.649, 124.710**, and **19, 38.743, 137.415** is the 20% darker color. If you saturate the color by 10%, you get **39, 54.499, 124.859**, and if you desaturate by 10%, it is **39, 50.642, 124.294**.

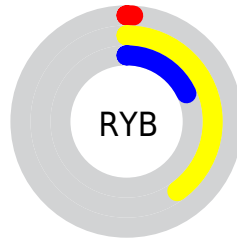
Distribution



Red (23%)

Green (40%)

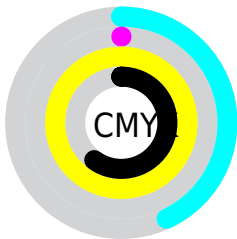
Blue (1%)



Red (1%)

Yellow (40%)

Blue (18%)

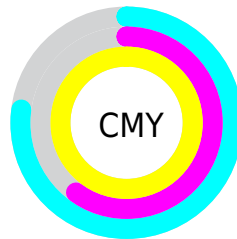


Cyan (43%)

Magenta (0%)

Yellow (98%)

Black (60%)



Cyan (77%)


Magenta (60%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 53.817, 124.789 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, 53.817, 124.789 by changing the saturation by 10% instead.

 39, 53.817,
124.789


 39, 53.817,
124.789

 100, 53.817,
124.789


 29, 53.817,
124.789

 59, 53.817,
124.789


 19, 53.817,
124.789


 69, 53.817,
124.789

 9, 53.817, 124.789

 79, 53.817,
124.789

 0, 53.817, 124.789

 89, 53.817,
124.789

 99, 53.817,
124.789

■ 39, 53.817,
124.789

■ 39, 53.817,
124.789

■ 39, 54.499,
124.859

■ 39, 50.642,
124.294

■ 40, 46.762,
123.992

■ 40, 41.970,
124.010

■ 40, 36.514,
124.246

■ 41, 30.612,
124.613

■ 41, 24.424,
125.052

■ 42, 18.066,
125.521

■ 42, 11.616,

125.994

■ 43, 5.132, 126.458

Harmonies

Complementary

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



39, 53.817, 124.789



13, 63.560, 311.077

Rectangle

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



39, 53.817, 124.789



39, 53.817, 174.789



39, 53.817, 304.789



39, 53.817, 354.789

Sweetspot

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



39, 53.817, 124.790



54, 23.414, 125.430



26, 42.849, 57.226



28, 16.171, 125.280



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



39, 53.817, 124.790



51, 66.398, 125.334



37, 60.495, 135.640



21, 3.603, 126.413



43, 58.891, 125.060



86, 102.996, 126.038

Inverse Universe

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



13, 63.560, 311.077



19, 78.690, 310.821



22, 59.065, 325.759



19, 3.654, 307.183



15, 69.823, 311.006



37, 121.927, 310.350

Previews

White Background



This preview shows how the CIELCh color 39, 53.817, 124.789 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, 53.817, 124.789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

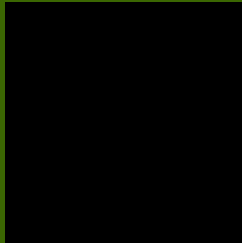
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 53.817, 124.789

Background



This preview shows how black text looks on a background with the CIELCh color 39, 53.817, 124.789.



This preview shows how white text looks on a background with the CIELCh color 39, 53.817, 124.789.

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, 53.817, 124.789

Protanopia
39, 46.373, 95.909

Deuteranopia
39, 40.378, 83.206



Tritanopia
39, 10.432, 226.570

Trichromacy



Original Color
39, 53.817, 124.789

Protanomaly
39, 47.376, 108.315

Deuteranomaly
38, 42.406, 102.086

Tritanomaly
39, 23.834, 142.329

Monochromacy



Original Color
39, 53.817, 124.789

Achromatopsia
33, 0.005, 296.813

Achromatomaly
35, 23.724, 124.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 53.817, 124.789 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(59, 103, 2)` looks like.

```
.text, #text, p{  
    color:rgb(59, 103, 2)  
}
```

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(59, 103, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 103, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 53.817, 124.789 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(59, 103, 2) }
```

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

```
.border{ border-color:rgb(59, 103, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 103, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 103, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 103, 2);  
box-shadow:4px 4px 4px 4px rgb(59, 103, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 53.817, 124.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 103, 2) }
```

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

```
.background{ background-color: rgb(59, 103,  
2) }
```

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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