

Converting Colors

CIELCh(34, 40.151, 108.598)

Have a look what the booklet for
CIELCh(34, 40.151, 108.598)
contains.

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Color

CIELCh(34, 39.899, 108.514)

Conversions

Conversions Part 1

Format	Color
Hex	4D540B
RGB	77, 84, 11
RGB Percent	30%, 33%, 4%
CMY	0.6967, 0.6693, 0.9552
CMYK	0.08, 0.00, 0.86, 0.67
HSL	66°, 76%, 19%
HSV	66°, 86%, 33%
XYZ	6.3466, 8.0082, 1.5405
YIQ	73.5850, 19.2610, -24.1870

Conversions

Conversions Part 2

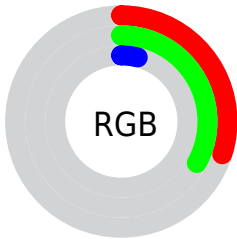
Format	Color
R_{YB}	11, 84, 18
Decimal	5067787
CIE Lab	34.00, -12.67, 37.83
CIE LCh	34, 39.899, 108.514
Yxy	8.0082, 0.3993, 0.5038
Android (android.graphics.Color)	4283257867 (0xFF4D540B)
YUV	73.5850, -30.8544, 2.9950
Hunter-Lab	28.2988, -9.4907, 16.5815

Details

The CIELCh color **34, 39.899, 108.514** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **9, 51.314, 304.739**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 39.730, 108.545**, and **14, 23.170, 119.510** is the 20% darker color. If you saturate the color by 10%, you get **34, 42.558, 108.350**, and if you desaturate by 10%, it is **34, 36.770, 108.788**.

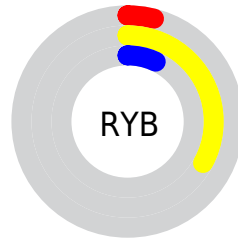
Distribution



Red (30%)

Green (33%)

Blue (4%)



Red (4%)

Yellow (33%)

Blue (7%)

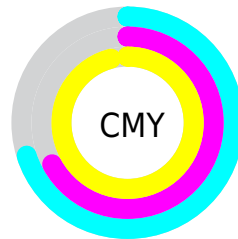


Cyan (8%)

Magenta (0%)

Yellow (86%)

Black (67%)



Cyan (70%)


Magenta (67%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 39.899, 108.514 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 34, 39.899, 108.514 by changing the saturation by 10% instead.


 34, 39.899,
108.514


 34, 39.899,
108.514

 100, 39.899,
108.514

 24, 39.899,
108.514

 54, 39.899,
108.514

 14, 39.899,
108.514

 64, 39.899,
108.514

 4, 39.899, 108.514

 74, 39.899,
108.514

 0, 39.899, 108.514

 84, 39.899,
108.514

 94, 39.899,
108.514

■ 34, 39.899,
108.514

■ 34, 39.899,
108.514

■ 34, 42.558,
108.350

■ 34, 36.770,
108.788

■ 34, 43.572,
108.265

■ 34, 32.919,
109.239

■ 34, 28.550,
109.821

■ 35, 23.829,
110.488

■ 35, 18.880,
111.209

■ 35, 13.787,
111.956

■ 35, 8.609, 112.712

■ 36, 3.383, 113.461

Harmonies

Complementary

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



34, 39.899, 108.514



9, 51.314, 304.739

Rectangle

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



34, 39.899, 108.514



34, 39.899, 158.514



34, 39.899, 288.514



34, 39.899, 338.514

Sweetspot

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



34, 39.899, 108.516



45, 16.823, 111.924



17, 37.070, 35.330



23, 11.483, 111.771



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



34, 39.899, 108.516



44, 52.357, 108.446



32, 44.803, 129.144



18, 2.998, 113.286



43, 51.490, 108.431



89, 91.602, 108.798

Inverse Universe

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



9, 51.314, 304.739



10, 71.261, 306.811



14, 48.823, 314.805



16, 3.056, 294.636



10, 70.068, 306.825



30, 125.115, 306.541

Previews

White Background



This preview shows how the CIELCh color 34, 39.899, 108.514 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 34, 39.899, 108.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

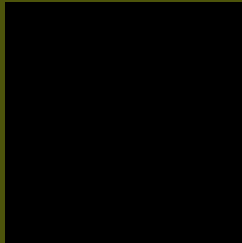
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 39.899, 108.514

Background



This preview shows how black text looks on a background with the CIELCh color 34, 39.899, 108.514.



This preview shows how white text looks on a background with the CIELCh color 34, 39.899, 108.514.

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

34, 39.899, 108.514

Protanopia

34, 38.810, 95.722

Deuteranopia

34, 36.905, 83.196



Tritanopia
34, 4.906, 316.479

Trichromacy



Original Color
34, 39.899, 108.514

Protanomaly
34, 38.943, 101.167

Deuteranomaly
34, 36.969, 93.199

Tritanomaly
34, 13.674, 105.793

Monochromacy



Original Color
34, 39.899, 108.514

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 16.846, 112.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 39.899, 108.514 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(77, 84, 11)` looks like.

```
.text, #text, p{  
    color:rgb(77, 84, 11)  
}
```

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(77, 84, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 84, 11) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 39.899, 108.514 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(77, 84, 11) }
```

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

```
.border{ border-color:rgb(77, 84, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 84, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 84, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 84, 11);  
box-shadow:4px 4px 4px 4px rgb(77, 84, 11)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 39.899, 108.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 84, 11) }
```

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

```
.background{ background-color: rgb(77, 84,  
11) }
```

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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