

Converting Colors

CIELCh(30, 40.666, 119.327)

Have a look what the booklet for
CIELCh(30, 40.666, 119.327)
contains.

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Color

CIELCh(30, 40.804, 119.459)

Conversions

Conversions Part 1

Format	Color
Hex	374E06
RGB	55, 78, 6
RGB Percent	22%, 31%, 2%
CMY	0.7852, 0.6950, 0.9774
CMYK	0.30, 0.00, 0.93, 0.69
HSL	79°, 86%, 16%
HSV	79°, 93%, 31%
XYZ	4.3034, 6.2359, 1.1422
YIQ	62.9150, 9.4040, -27.2680

Conversions

Conversions Part 2

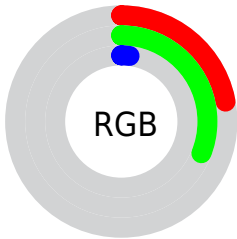
Format	Color
RYB	6, 78, 29
Decimal	3624454
CIELab	30.00, -20.07, 35.53
CIElCh	30, 40.804, 119.459
Yxy	6.2359, 0.3684, 0.5338
Android (android.graphics.Color)	4281814534 (0xFF374E06)
YUV	62.9150, -28.0591, -6.9415
Hunter-Lab	24.9718, -12.9396, 14.7683

Details

The CIELCh color **30, 40.804, 119.459** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8, 49.975, 308.731**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 40.667, 119.246**, and **10, 24.478, 142.269** is the 20% darker color. If you saturate the color by 10%, you get **30, 43.134, 119.451**, and if you desaturate by 10%, it is **30, 37.852, 119.282**.

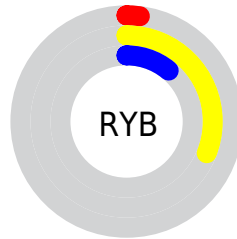
Distribution



Red (22%)

Green (31%)

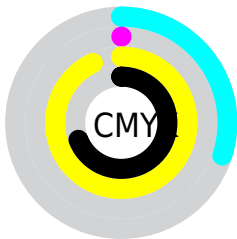
Blue (2%)



Red (2%)

Yellow (31%)

Blue (11%)

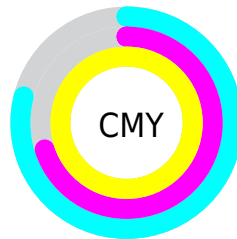


Cyan (30%)

Magenta (0%)

Yellow (93%)

Black (69%)



Cyan (79%)


Magenta (70%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 40.804, 119.459 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 30, 40.804, 119.459 by changing the saturation by 10% instead.


 30, 40.804,
119.459


 30, 40.804,
119.459

 100, 40.804,
119.459


 20, 40.804,
119.459


 50, 40.804,
119.459


 10, 40.804,
119.459

 60, 40.804,
119.459

 0, 40.804, 119.459

 70, 40.804,
119.459

 80, 40.804,
119.459

 90, 40.804,
119.459

■ 30, 40.804,
119.459

■ 30, 40.804,
119.459

■ 30, 43.134,
119.451

■ 30, 37.852,
119.282

■ 30, 34.339,
119.305

■ 31, 30.278,
119.541

■ 31, 25.834,
119.915

■ 31, 21.137,
120.372

■ 32, 16.279,
120.873

■ 32, 11.326,
121.391

■ 33, 6.321, 121.908

Harmonies

Complementary

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



30, 40.804, 119.459



8, 49.975, 308.731

Rectangle

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



30, 40.804, 119.459



30, 40.804, 169.459



30, 40.804, 299.459



30, 40.804, 349.459

Sweetspot

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



30, 40.804, 119.461



42, 17.530, 121.055



18, 32.625, 47.961



20, 11.937, 120.930



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



30, 40.804, 119.461



39, 52.192, 119.984



28, 46.778, 134.475



15, 2.763, 122.110



84, 95.088, 121.015

Inverse Universe

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



8, 49.975, 308.731



11, 65.590, 309.134



14, 47.108, 321.857



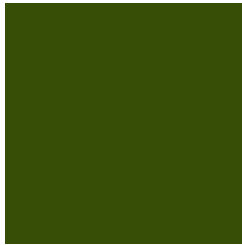
14, 2.806, 302.969



32, 119.706, 308.458

Previews

White Background



This preview shows how the CIELCh color 30, 40.804, 119.459 looks on a white background.

Color Contrast Check

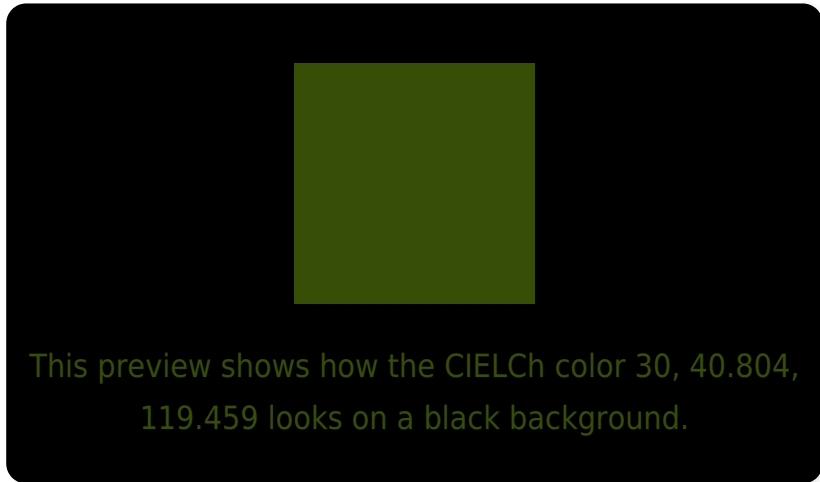
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

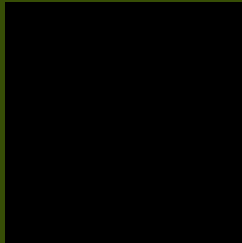
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 40.804, 119.459

Background



This preview shows how black text looks on a background with the CIELCh color 30, 40.804, 119.459.



This preview shows how white text looks on a background with the CIELCh color 30, 40.804, 119.459.

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

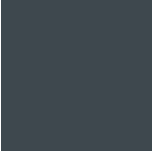
30, 40.804, 119.459

Protanopia

30, 38.862, 95.772

Deuteranopia

30, 32.941, 83.268



Tritanopia
30, 5.547, 243.007

Trichromacy



Original Color
30, 40.804, 119.459

Protanomaly
30, 38.494, 104.556

Deuteranomaly
30, 34.097, 98.366

Tritanomaly
30, 15.601, 133.918

Monochromacy



Original Color
30, 40.804, 119.459

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 16.994, 120.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 40.804, 119.459 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(55, 78, 6)` looks like.

```
.text, #text, p{  
    color:rgb(55, 78, 6)  
}
```

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(55, 78, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 78, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 40.804, 119.459 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(55, 78, 6) }
```

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

```
.border{ border-color:rgb(55, 78, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 78, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 78, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 78, 6); box-shadow:4px  
4px 4px 4px rgb(55, 78, 6) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 40.804, 119.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 78, 6) }
```

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

```
.background{ background-color: rgb(55, 78,  
6) }
```

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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