

Converting Colors

CIELCh(32, 37.365, 102.886)

Have a look what the booklet for
CIELCh(32, 37.365, 102.886)
contains.

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Color

CIELCh(32, 37.595, 102.652)

Conversions

Conversions Part 1

Format	Color
Hex	4F4E0A
RGB	79, 78, 10
RGB Percent	31%, 31%, 4%
CMY	0.6913, 0.6951, 0.9620
CMYK	0.00, 0.01, 0.88, 0.69
HSL	59°, 78%, 17%
HSV	59°, 88%, 31%
XYZ	5.9618, 7.0852, 1.3314
YIQ	70.5470, 22.4240, -20.9360

Conversions

Conversions Part 2

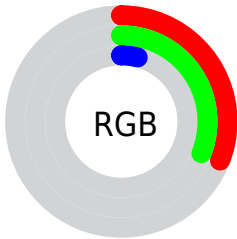
Format	Color
R_{YB}	11, 79, 10
Decimal	5197322
CIE Lab	32.00, -8.23, 36.68
CIE LCh	32, 37.595, 102.652
Yxy	7.0852, 0.4146, 0.4928
Android (android.graphics.Color)	4283387402 (0xFF4F4E0A)
YUV	70.5470, -29.8497, 7.4133
Hunter-Lab	26.6180, -6.6020, 15.6670

Details

The CIELCh color **32, 37.595, 102.652** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8, 48.887, 303.409**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 37.888, 102.523**, and **12, 19.291, 111.780** is the 20% darker color. If you saturate the color by 10%, you get **32, 40.276, 102.158**, and if you desaturate by 10%, it is **32, 34.722, 103.193**.

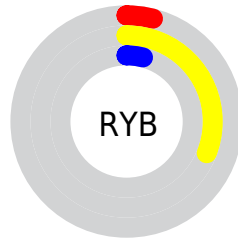
Distribution



Red (31%)

Green (31%)

Blue (4%)



Red (4%)

Yellow (31%)

Blue (4%)

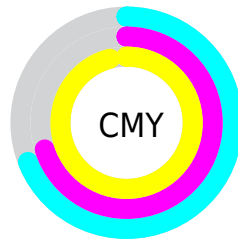


Cyan (0%)

Magenta (1%)

Yellow (88%)

Black (69%)



Cyan (69%)


Magenta (70%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 37.595, 102.652 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 32, 37.595, 102.652 by changing the saturation by 10% instead.


 32, 37.595,
102.652


 32, 37.595,
102.652

 100, 37.595,
102.652


 22, 37.595,
102.652

 52, 37.595,
102.652


 12, 37.595,
102.652


 62, 37.595,
102.652

 2, 37.595, 102.652

 72, 37.595,
102.652

 0, 37.595, 102.652

 82, 37.595,
102.652

 92, 37.595,
102.652

■ 32, 37.595,
102.652

■ 32, 37.595,
102.652

■ 32, 40.276,
102.158

■ 32, 34.722,
103.193

■ 32, 40.947,
102.037

■ 32, 31.162,
103.852

■ 32, 27.111,
104.603

■ 32, 22.729,
105.419

■ 33, 18.132,
106.277

■ 33, 13.402,
107.158

■ 33, 8.593, 108.047

■ 33, 3.743, 108.928

Harmonies

Complementary

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



32, 37.595, 102.652



8, 48.887, 303.409

Rectangle

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



32, 37.595, 102.652



32, 37.595, 152.652



32, 37.595, 282.652



32, 37.595, 332.652

Sweetspot

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



32, 37.595, 102.654



42, 15.591, 107.226



15, 36.232, 30.732



21, 10.427, 107.074



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



32, 37.595, 102.654



41, 48.960, 102.007



30, 41.611, 125.893



15, 2.649, 108.847



88, 88.536, 101.946

Inverse Universe

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



8, 48.887, 303.409



9, 67.436, 305.944



11, 47.195, 312.146



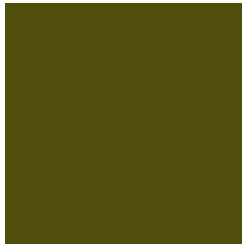
14, 2.698, 290.419



29, 122.981, 306.157

Previews

White Background



This preview shows how the CIELCh color 32, 37.595, 102.652 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 CIELCh color 32, 37.595, 102.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

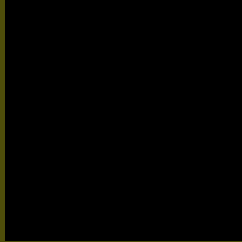
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 37.595, 102.652

Background



This preview shows how black text looks on a background with the CIELCh color 32, 37.595, 102.652.



This preview shows how white text looks on a background with the CIELCh color 32, 37.595, 102.652.

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


32, 37.595, 102.652

Protanopia

32, 37.441, 96.179

Deuteranopia

32, 35.644, 83.975



Tritanopia
32, 6.491, 344.728

Trichromacy



Original Color
32, 37.595, 102.652

Protanomaly
32, 37.658, 98.631

Deuteranomaly
32, 35.868, 90.988

Tritanomaly
32, 13.788, 91.435

Monochromacy



Original Color
32, 37.595, 102.652

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 15.716, 107.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 37.595, 102.652 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(79, 78, 10)` looks like.

```
.text, #text, p{  
    color:rgb(79, 78, 10)  
}
```

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(79, 78, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 78, 10) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 37.595, 102.652 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(79, 78, 10) }
```

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

```
.border{ border-color:rgb(79, 78, 10) }
```

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

Here you see how a box with a 4 pixel rgb(79, 78, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 78, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 78, 10);  
box-shadow:4px 4px 4px 4px rgb(79, 78, 10)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 37.595, 102.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 78, 10) }
```

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

```
.background{ background-color: rgb(79, 78,  
10) }
```

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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