

Converting Colors

CIELCh(32, 44.786, 57.548)

Have a look what the booklet for
CIELCh(32, 44.786, 57.548) contains.

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Color

CIELCh(32, 44.909, 57.549)

Conversions

Conversions Part 1

Format	Color
Hex	783A0C
RGB	120, 58, 12
RGB Percent	47%, 23%, 5%
CMY	0.5284, 0.7717, 0.9520
CMYK	0.00, 0.52, 0.90, 0.53
HSL	26°, 82%, 26%
HSV	26°, 90%, 47%
XYZ	9.3719, 7.0852, 1.2289
YIQ	71.2940, 51.7180, -1.1620

Conversions

Conversions Part 2

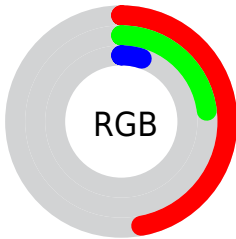
Format	Color
R_{YB}	120, 92, 12
Decimal	7879180
CIE Lab	32.00, 24.10, 37.90
CIE LCh	32, 44.909, 57.549
Yxy	7.0852, 0.5299, 0.4006
Android (android.graphics.Color)	4286069260 (0xFF783A0C)
YUV	71.2940, -29.2319, 42.7152
Hunter-Lab	26.6180, 16.2667, 15.8953

Details

The CIELCh color **32, 44.909, 57.549** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **30, 31.396, 269.339**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 44.872, 57.518**, and **12, 30.588, 37.462** is the 20% darker color. If you saturate the color by 10%, you get **30, 49.819, 56.278**, and if you desaturate by 10%, it is **34, 39.746, 58.902**.

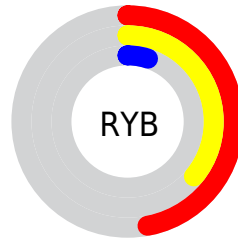
Distribution



Red (47%)

Green (23%)

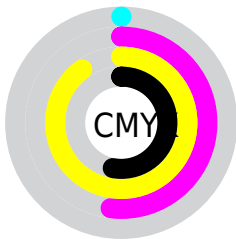
Blue (5%)



Red (47%)

Yellow (36%)

Blue (5%)

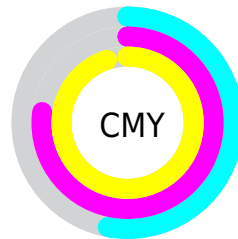


Cyan (0%)

Magenta (52%)

Yellow (90%)

Black (53%)



Cyan (53%)

Magenta (77%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 44.909, 57.549 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, 44.909, 57.549 by changing the saturation by 10% instead.

■ 32, 44.909, 57.549

■ 32, 44.909, 57.549

■ 100, 44.909,
57.549

■ 22, 44.909, 57.549

■ 52, 44.909, 57.549

■ 12, 44.909, 57.549

■ 62, 44.909, 57.549

■ 2, 44.909, 57.549

■ 72, 44.909, 57.549

■ 0, 44.909, 57.549

■ 82, 44.909, 57.549

■ 92, 44.909, 57.549

■ 32, 44.909, 57.549

■ 32, 44.909, 57.549

■ 30, 49.819, 56.278

■ 34, 39.746, 58.902

30, 49.906, 56.262

36, 34.183, 59.970

37, 28.598, 60.941

40, 23.177, 61.899

42, 18.000, 62.874

44, 13.094, 63.872

46, 8.457, 64.883

48, 4.075, 65.880

51, 0.074, 250.944

Harmonies

Complementary

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



32, 44.909, 57.549



30, 31.396, 269.339

Rectangle

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



32, 44.909, 57.549



32, 44.909, 107.549



32, 44.909, 237.549



32, 44.909, 287.549

Sweetspot

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



32, 44.908, 57.552



57, 14.541, 64.091



26, 48.583, 350.506



29, 9.952, 63.820



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



32, 44.908, 57.552



39, 60.795, 55.428



46, 50.074, 98.150



25, 2.364, 65.951



32, 51.463, 56.181



63, 88.130, 54.121

Inverse Universe

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



30, 31.396, 269.339



37, 42.426, 275.031



15, 66.305, 302.920



24, 2.294, 248.059



30, 35.572, 273.938



59, 62.647, 276.770

Previews

White Background



This preview shows how the CIELCh color 32, 44.909, 57.549 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, 44.909, 57.549 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, 44.909, 57.549

Background



This preview shows how black text looks on a background with the CIELCh color 32, 44.909, 57.549.



This preview shows how white text looks on a background with the CIELCh color 32, 44.909, 57.549.

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, 44.909, 57.549

Protanopia

32, 34.583, 95.270

Deuteranopia

32, 41.211, 84.802



Tritanopia
32, 32.312, 21.630

Trichromacy



Original Color
32, 44.909, 57.549

Protanomaly
32, 35.986, 79.612

Deuteranomaly
32, 41.479, 73.953

Tritanomaly
32, 35.249, 39.834

Monochromacy



Original Color
32, 44.909, 57.549

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 15.963, 62.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 44.909, 57.549 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(120, 58, 12)` looks like.

```
.text, #text, p{  
    color:rgb(120, 58, 12)  
}
```

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(120, 58, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 58, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 44.909, 57.549 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(120, 58, 12) }
```

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

```
.border{ border-color:rgb(120, 58, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 58, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 58, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 58, 12);  
box-shadow:4px 4px 4px 4px rgb(120, 58,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 44.909, 57.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 58, 12) }
```

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

```
.background{ background-color: rgb(120, 58,  
12) }
```

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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