

Converting Colors

CIELCh(32, 38.177, 67.523)

Have a look what the booklet for
CIELCh(32, 38.177, 67.523) contains.

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Color

CIELCh(32, 38.293, 66.872)

Conversions

Conversions Part 1

Format	Color
Hex	6D4111
RGB	109, 65, 17
RGB Percent	43%, 25%, 7%
CMY	0.5722, 0.7448, 0.9331
CMYK	0.00, 0.40, 0.84, 0.57
HSL	31°, 73%, 25%
HSV	31°, 84%, 43%
XYZ	8.3123, 7.0852, 1.4626
YIQ	72.6840, 41.6320, -5.6000

Conversions

Conversions Part 2

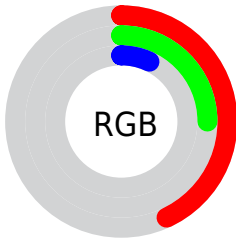
Format	Color
RYB	101, 109, 17
Decimal	7160081
CIELab	32.00, 15.04, 35.22
CIELCh	32, 38.293, 66.872
Yxy	7.0852, 0.4930, 0.4202
Android (android.graphics.Color)	4285350161 (0xFF6D4111)
YUV	72.6840, -27.4522, 31.8491
Hunter-Lab	26.6180, 9.1607, 15.3746

Details

The CIELCh color **32, 38.293, 66.872** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **25, 32.363, 277.720**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 37.951, 66.899**, and **12, 23.806, 50.329** is the 20% darker color. If you saturate the color by 10%, you get **31, 42.293, 65.036**, and if you desaturate by 10%, it is **33, 33.730, 68.439**.

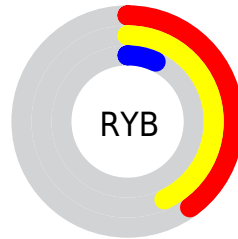
Distribution



Red (43%)

Green (25%)

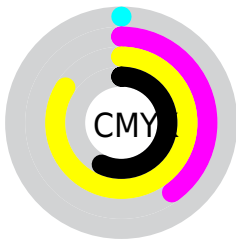
Blue (7%)



Red (40%)

Yellow (43%)

Blue (7%)

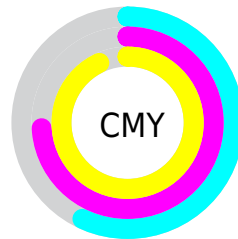


Cyan (0%)

Magenta (40%)

Yellow (84%)

Black (57%)



Cyan (57%)

Magenta (74%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 38.293, 66.872 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, 38.293, 66.872 by changing the saturation by 10% instead.

■ 32, 38.293, 66.872

■ 32, 38.293, 66.872

■ 100, 38.293,
66.872

■ 22, 38.293, 66.872

■ 52, 38.293, 66.872

■ 12, 38.293, 66.872

■ 62, 38.293, 66.872

■ 2, 38.293, 66.872

■ 72, 38.293, 66.872

■ 0, 38.293, 66.872

■ 82, 38.293, 66.872

■ 92, 38.293, 66.872

■ 32, 38.293, 66.872

■ 32, 38.293, 66.872

■ 31, 42.293, 65.036

■ 33, 33.730, 68.439

■ 30, 44.721, 64.235

■ 35, 28.885, 69.818

■ 37, 24.006, 71.112

■ 38, 19.221, 72.368

■ 40, 14.589, 73.603

■ 42, 10.130, 74.819

■ 43, 5.848, 76.007

■ 45, 1.735, 77.097

■ 47, 2.222, 258.480

Harmonies

Complementary

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



32, 38.293, 66.872



25, 32.363, 277.720

Rectangle

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



32, 38.293, 66.872



32, 38.293, 116.872



32, 38.293, 246.872



32, 38.293, 296.872

Sweetspot

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



32, 38.292, 66.875



54, 13.008, 74.657



24, 42.313, 356.464



27, 8.861, 74.341



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



32, 38.292, 66.875



39, 54.704, 63.240



44, 47.763, 104.297



21, 2.231, 76.625



32, 47.308, 64.006



66, 82.214, 61.695

Inverse Universe

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



25, 32.363, 277.720



30, 47.948, 285.141



13, 62.233, 303.980



21, 2.195, 258.897



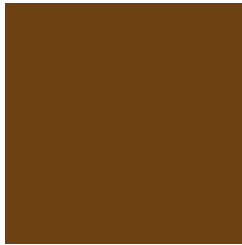
24, 40.801, 284.202



51, 74.432, 286.953

Previews

White Background



This preview shows how the CIELCh color 32, 38.293, 66.872 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, 38.293, 66.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

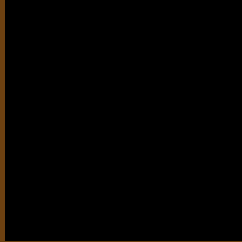
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 38.293, 66.872

Background



This preview shows how black text looks on a background with the CIELCh color 32, 38.293, 66.872.



This preview shows how white text looks on a background with the CIELCh color 32, 38.293, 66.872.

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, 38.293, 66.872

Protanopia

32, 33.195, 96.078

Deuteranopia

32, 36.611, 83.468



Tritanopia
32, 23.490, 17.804

Trichromacy



Original Color
32, 38.293, 66.872

Protanomaly
32, 33.777, 84.179

Deuteranomaly
32, 37.036, 76.629

Tritanomaly
32, 26.226, 42.246

Monochromacy



Original Color
32, 38.293, 66.872

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 13.430, 72.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 38.293, 66.872 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(109, 65, 17)` looks like.

```
.text, #text, p{  
    color:rgb(109, 65, 17)  
}
```

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(109, 65, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 65, 17) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 38.293, 66.872 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(109, 65, 17) }
```

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

```
.border{ border-color:rgb(109, 65, 17) }
```

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

Here you see how a box with a 4 pixel rgb(109, 65, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 65, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 65, 17);  
box-shadow:4px 4px 4px 4px rgb(109, 65,  
17) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 38.293, 66.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 65, 17) }
```

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

```
.background{ background-color: rgb(109, 65,  
17) }
```

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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