

Converting Colors

CIELCh(30, 46.305, 67.264)

Have a look what the booklet for
CIELCh(30, 46.305, 67.264) contains.

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Color

CIELCh(30, 44.232, 65.592)

Conversions

Conversions Part 1

Format	Color
Hex	6C3A00
RGB	108, 58, 0
RGB Percent	42%, 23%, 0%
CMY	0.5759, 0.7721, 0.9995
CMYK	0.00, 0.46, 1.00, 0.58
HSL	32°, 100%, 21%
HSV	32°, 100%, 42%
XYZ	7.7219, 6.2359, 0.8002
YIQ	66.3380, 48.4180, -7.4380

Conversions

Conversions Part 2

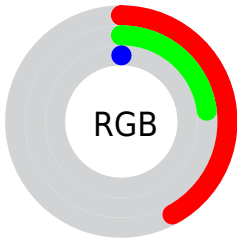
Format	Color
R _Y B	93, 108, 0
Decimal	7092736
CIE Lab	30.00, 18.28, 40.28
CIE LCh	30, 44.232, 65.592
Yxy	6.2359, 0.5232, 0.4225
Android (android.graphics.Color)	4285282816 (0xFF6C3A00)
YUV	66.3380, -32.7046, 36.5376
Hunter-Lab	24.9718, 11.4963, 15.5804

Details

The CIELCh color **30, 44.232, 65.592** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **22, 39.240, 285.129**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 44.289, 66.222**, and **10, 24.070, 39.800** is the 20% darker color. If you saturate the color by 10%, you get **30, 44.280, 65.579**, and if you desaturate by 10%, it is **31, 40.204, 67.234**.

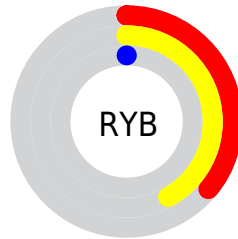
Distribution



Red (42%)

Green (23%)

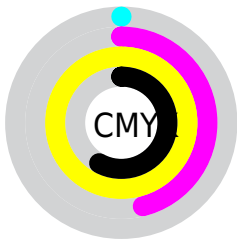
Blue (0%)



Red (36%)

Yellow (42%)

Blue (0%)

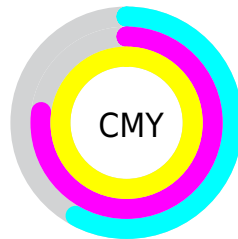


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (58%)



Cyan (58%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 44.232, 65.592 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, 44.232, 65.592 by changing the saturation by 10% instead.

■ 30, 44.232, 65.592

■ 30, 44.232, 65.592

■ 100, 44.232,
65.592

■ 20, 44.232, 65.592

■ 50, 44.232, 65.592

■ 10, 44.232, 65.592

■ 60, 44.232, 65.592

■ 0, 44.232, 65.592

■ 70, 44.232, 65.592

■ 80, 44.232, 65.592

■ 90, 44.232, 65.592

■ 30, 44.232, 65.592

■ 30, 44.232, 65.592

■ 30, 44.280, 65.579

■ 31, 40.204, 67.234

■ 33, 36.080, 69.010

■ 34, 31.442, 70.508

■ 36, 26.628, 71.873

■ 37, 21.829, 73.175

■ 39, 17.138, 74.445

■ 41, 12.597, 75.692

■ 42, 8.221, 76.914

■ 44, 4.008, 78.093

Harmonies

Complementary

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



30, 44.232, 65.592



22, 39.240, 285.129

Rectangle

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



30, 44.232, 65.592



30, 44.232, 115.592



30, 44.232, 245.592



30, 44.232, 295.592

Sweetspot

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



30, 44.231, 65.595



52, 15.680, 75.578



22, 44.991, 2.720



26, 10.848, 75.183



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



30, 44.231, 65.595



39, 53.720, 64.607



44, 51.550, 104.819



21, 2.256, 78.199



33, 47.114, 65.305



66, 81.750, 63.015

Inverse Universe

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



22, 39.240, 285.129



29, 48.658, 286.444



10, 70.873, 306.453



21, 2.224, 260.482



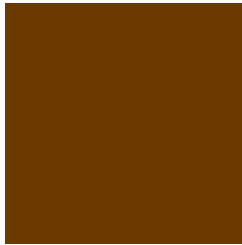
24, 42.009, 285.602



50, 76.703, 288.293

Previews

White Background



This preview shows how the CIELCh color 30, 44.232, 65.592 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 30, 44.232, 65.592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

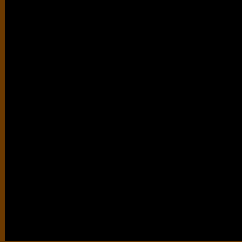
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 44.232, 65.592

Background



This preview shows how black text looks on a background with the CIELCh color 30, 44.232, 65.592.



This preview shows how white text looks on a background with the CIELCh color 30, 44.232, 65.592.

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, 44.232, 65.592

Protanopia

30, 35.806, 95.841

Deuteranopia

30, 39.475, 85.440



Tritanopia
30, 26.733, 19.538

Trichromacy



Original Color
30, 44.232, 65.592

Protanomaly
30, 37.159, 83.061

Deuteranomaly
30, 40.623, 76.895

Tritanomaly
30, 31.160, 44.630

Monochromacy



Original Color
30, 44.232, 65.592

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 16.502, 73.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 44.232, 65.592 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(108, 58, 0)` looks like.

```
.text, #text, p{  
    color:rgb(108, 58, 0)  
}
```

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(108, 58, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 58, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 44.232, 65.592 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(108, 58, 0) }
```

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

```
.border{ border-color:rgb(108, 58, 0) }
```

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

Here you see how a box with a 4 pixel rgb(108, 58, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 58, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 58, 0);  
box-shadow:4px 4px 4px 4px rgb(108, 58, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 44.232, 65.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 58, 0) }
```

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

```
.background{ background-color: rgb(108, 58,  
0) }
```

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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