

Converting Colors

CIELCh(31, 29.726, 44.058)

Have a look what the booklet for
CIELCh(31, 29.726, 44.058) contains.

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Color

CIELCh(31, 29.441, 44.210)

Conversions

Conversions Part 1

Format	Color
Hex	6F3B2A
RGB	111, 59, 42
RGB Percent	44%, 23%, 16%
CMY	0.5653, 0.7691, 0.8358
CMYK	0.00, 0.47, 0.62, 0.57
HSL	15°, 45%, 30%
HSV	15°, 62%, 43%
XYZ	8.5107, 6.6515, 3.0148
YIQ	72.6100, 36.4490, 5.7370

Conversions

Conversions Part 2

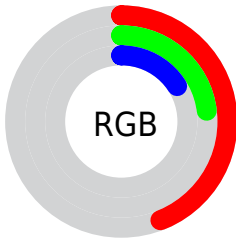
Format	Color
R _Y B	111, 65, 42
Decimal	7289642
CIE Lab	31.00, 21.10, 20.53
CIE LCh	31, 29.441, 44.210
Yxy	6.6515, 0.4682, 0.3659
Android (android.graphics.Color)	4285479722 (0xFF6F3B2A)
YUV	72.6100, -15.0907, 33.6680
Hunter-Lab	25.7905, 13.7702, 11.1226

Details

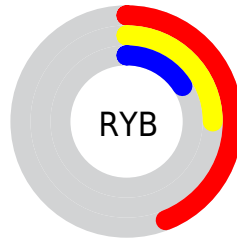
The CIELCh color **31, 29.441, 44.210** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **37, 18.967, 231.666**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **51, 29.504, 43.680**, and **11, 27.658, 38.289** is the 20% darker color. If you saturate the color by 10%, you get **29, 35.300, 44.587**, and if you desaturate by 10%, it is **33, 23.829, 43.987**.

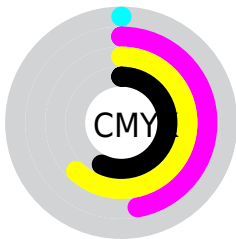
Distribution



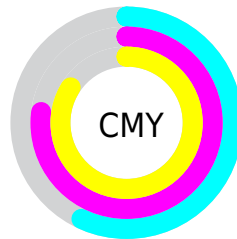
- Red (44%)
- Green (23%)
- Blue (16%)



- Red (44%)
- Yellow (25%)
- Blue (16%)



- Cyan (0%)
- Magenta (47%)
- Yellow (62%)
- Black (57%)



- Cyan (57%)
- Magenta (77%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 31, 29.441, 44.210 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 31, 29.441, 44.210 by changing the saturation by 10% instead.

■ 31, 29.441, 44.210

■ 31, 29.441, 44.210

■ 100, 29.441,
44.210

■ 21, 29.441, 44.210

■ 51, 29.441, 44.210

■ 11, 29.441, 44.210

■ 61, 29.441, 44.210

■ 1, 29.441, 44.210

■ 71, 29.441, 44.210

■ 0, 29.441, 44.210

■ 81, 29.441, 44.210

■ 91, 29.441, 44.210

■ 31, 29.441, 44.210

■ 31, 29.441, 44.210

■ 29, 35.300, 44.587

■ 33, 23.829, 43.987

27, 41.229, 45.026

36, 18.546, 43.919

25, 46.650, 45.079

38, 13.615, 43.993

24, 50.249, 44.919

41, 9.032, 44.183

43, 4.781, 44.449

46, 0.835, 44.483

49, 2.835, 225.443

52, 6.258, 225.843

54, 9.461, 226.316

Harmonies

Complementary

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



31, 29.441, 44.210



37, 18.967, 231.666

Rectangle

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



31, 29.441, 44.210



31, 29.441, 94.210



31, 29.441, 224.210



31, 29.441, 274.210

Sweetspot

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



31, 29.440, 44.214



54, 9.546, 44.250



29, 40.920, 335.957



27, 6.679, 44.194



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



31, 29.440, 44.214



37, 46.402, 44.801



40, 31.348, 88.527



22, 2.196, 44.535



26, 53.833, 45.215



55, 95.576, 44.598

Inverse Universe

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



37, 18.967, 231.666



46, 26.289, 235.334



26, 33.101, 287.233



23, 2.089, 225.510



35, 25.836, 243.598



71, 44.751, 246.429

Previews

White Background



This preview shows how the CIELCh color 31, 29.441, 44.210 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 CIE LCh color 31, 29.441, 44.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

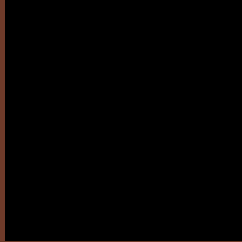
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 29.441, 44.210

Background



This preview shows how black text looks on a background with the CIELCh color 31, 29.441, 44.210.

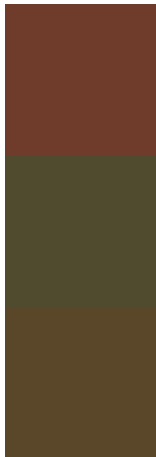


This preview shows how white text looks on a background with the CIELCh color 31, 29.441, 44.210.

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

31, 29.441, 44.210

Protanopia

31, 17.177, 97.141

Deuteranopia

31, 21.664, 78.518



Tritanopia
31, 26.602, 19.378

Trichromacy



Original Color
31, 29.441, 44.210

Protanomaly
31, 19.055, 71.739

Deuteranomaly
31, 23.314, 62.519

Tritanomaly
31, 27.287, 29.525

Monochromacy



Original Color
31, 29.441, 44.210

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 9.835, 43.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 29.441, 44.210 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(111, 59, 42)` looks like.

```
.text, #text, p{  
    color:rgb(111, 59, 42)  
}
```

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(111, 59, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 59, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 29.441, 44.210 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(111, 59, 42) }
```

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

```
.border{ border-color:rgb(111, 59, 42) }
```

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

Here you see how a box with a 4 pixel rgb(111, 59, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 59, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 59, 42);  
box-shadow:4px 4px 4px 4px rgb(111, 59,  
42) }
```

Background

The CSS property to change the background color of an element to CIELCh 31, 29.441, 44.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 59, 42) }
```

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

```
.background{ background-color: rgb(111, 59,  
42) }
```

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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