

Converting Colors

CIELCh(29, 37.503, 73.394)

Have a look what the booklet for
CIELCh(29, 37.503, 73.394) contains.

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Color

CIELCh(29, 37.526, 73.258)

Conversions

Conversions Part 1

Format	Color
Hex	603D07
RGB	96, 61, 7
RGB Percent	38%, 24%, 3%
CMY	0.6236, 0.7608, 0.9726
CMYK	0.00, 0.36, 0.93, 0.62
HSL	36°, 86%, 20%
HSV	36°, 93%, 38%
XYZ	6.5292, 5.8380, 0.9834
YIQ	65.3090, 38.1940, -9.3740

Conversions

Conversions Part 2

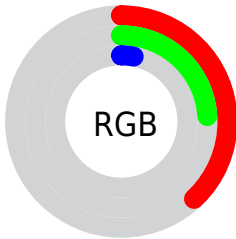
Format	Color
R_{YB}	65, 96, 7
Decimal	6307079
CIE _{Lab}	29.00, 10.81, 35.94
CIE _{LCh}	29, 37.526, 73.258
Yxy	5.8380, 0.4891, 0.4373
Android (android.graphics.Color)	4284497159 (0xFF603D07)
YUV	65.3090, -28.7463, 26.9160
Hunter-Lab	24.1619, 5.9522, 14.5002

Details

The CIELCh color **29, 37.526, 73.258** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **18, 37.217, 287.845**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 37.310, 73.094**, and **9, 17.538, 51.443** is the 20% darker color. If you saturate the color by 10%, you get **28, 40.073, 72.139**, and if you desaturate by 10%, it is **30, 34.161, 75.057**.

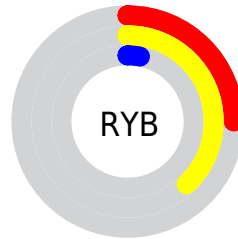
Distribution



Red (38%)

Green (24%)

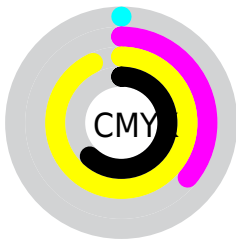
Blue (3%)



Red (25%)

Yellow (38%)

Blue (3%)

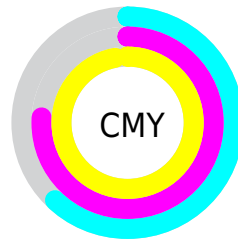


Cyan (0%)

Magenta (36%)

Yellow (93%)

Black (62%)



Cyan (62%)

Magenta (76%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 37.526, 73.258 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 29, 37.526, 73.258 by changing the saturation by 10% instead.

■ 29, 37.526, 73.258

■ 29, 37.526, 73.258

■ 100, 37.526,
73.258

■ 19, 37.526, 73.258

■ 49, 37.526, 73.258

■ 9, 37.526, 73.258

■ 59, 37.526, 73.258

■ 0, 37.526, 73.258

■ 69, 37.526, 73.258

■ 79, 37.526, 73.258

■ 89, 37.526, 73.258

■ 99, 37.526, 73.258

■ 29, 37.526, 73.258

■ 29, 37.526, 73.258

■ 28, 40.073, 72.139

■ 30, 34.161, 75.057

■ 31, 30.253, 76.643

■ 32, 26.034, 78.086

■ 34, 21.712, 79.450

■ 35, 17.399, 80.768

■ 36, 13.157, 82.049

■ 38, 9.012, 83.297

■ 39, 4.974, 84.502

■ 40, 1.044, 85.560

Harmonies

Complementary

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



29, 37.526, 73.258



18, 37.217, 287.845

Rectangle

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



29, 37.526, 73.258



29, 37.526, 123.258



29, 37.526, 253.258



29, 37.526, 303.258

Sweetspot

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



29, 37.525, 73.261



48, 13.916, 82.536



19, 39.540, 5.654



24, 9.723, 82.147



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



29, 37.525, 73.261



37, 48.700, 71.219



39, 45.730, 108.673



19, 2.199, 84.946



33, 45.075, 71.622



69, 79.013, 69.423

Inverse Universe

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



18, 37.217, 287.845



23, 50.322, 291.482



10, 60.396, 305.743



19, 2.186, 267.175



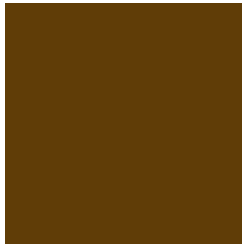
20, 46.029, 290.988



45, 85.895, 293.560

Previews

White Background



This preview shows how the CIE LCh color 29, 37.526, 73.258 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 29, 37.526, 73.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

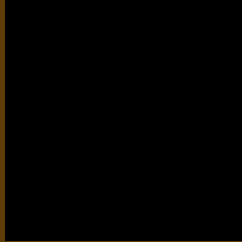
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 37.526, 73.258

Background



This preview shows how black text looks on a background with the CIELCh color 29, 37.526, 73.258.



This preview shows how white text looks on a background with the CIELCh color 29, 37.526, 73.258.

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

29, 37.526, 73.258

Protanopia

29, 34.195, 95.550

Deuteranopia

29, 38.375, 84.821



Tritanopia
29, 19.478, 15.826

Trichromacy



Original Color
29, 37.526, 73.258

Protanomaly
29, 34.664, 86.458

Deuteranomaly
29, 37.680, 81.221

Tritanomaly
29, 23.424, 49.315

Monochromacy



Original Color
29, 37.526, 73.258

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 14.281, 82.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 37.526, 73.258 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(96, 61, 7)` looks like.

```
.text, #text, p{  
    color:rgb(96, 61, 7)  
}
```

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(96, 61, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 61, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 37.526, 73.258 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(96, 61, 7) }
```

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

```
.border{ border-color:rgb(96, 61, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 61, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 61, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(96, 61, 7); box-shadow:4px  
4px 4px 4px rgb(96, 61, 7) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 37.526, 73.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 61, 7) }
```

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

```
.background{ background-color: rgb(96, 61,  
7) }
```

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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