

Converting Colors

CIELCh(37, 39.881, 62.902)

Have a look what the booklet for
CIELCh(37, 39.881, 62.902) contains.

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Color

CIELCh(37, 39.841, 62.146)

Conversions

Conversions Part 1

Format	Color
Hex	7F4A1D
RGB	127, 74, 29
RGB Percent	50%, 29%, 11%
CMY	0.5012, 0.7091, 0.8856
CMYK	0.00, 0.42, 0.77, 0.50
HSL	28°, 63%, 31%
HSV	28°, 77%, 50%
XYZ	11.4670, 9.5379, 2.4100
YIQ	84.7170, 46.0330, -2.7590

Conversions

Conversions Part 2

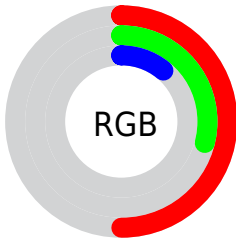
Format	Color
RYB	127, 112, 29
Decimal	8342045
CIELab	37.00, 18.61, 35.23
CIElCh	37, 39.841, 62.146
Yxy	9.5379, 0.4897, 0.4073
Android (android.graphics.Color)	4286532125 (0xFF7F4A1D)
YUV	84.7170, -27.4685, 37.0822
Hunter-Lab	30.8835, 12.2307, 16.9918

Details

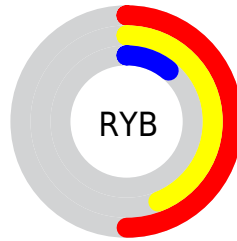
The CIELCh color **37, 39.841, 62.146** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **34, 30.379, 268.402**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 39.823, 61.770**, and **17, 31.737, 52.914** is the 20% darker color. If you saturate the color by 10%, you get **35, 45.170, 60.683**, and if you desaturate by 10%, it is **39, 34.143, 63.369**.

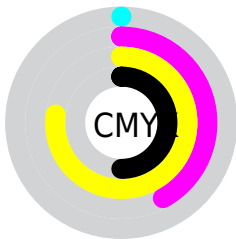
Distribution



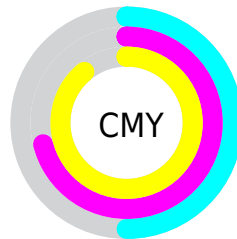
- Red (50%)
- Green (29%)
- Blue (11%)



- Red (50%)
- Yellow (44%)
- Blue (11%)



- Cyan (0%)
- Magenta (42%)
- Yellow (77%)
- Black (50%)



- Cyan (50%)
- Magenta (71%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 39.841, 62.146 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 37, 39.841, 62.146 by changing the saturation by 10% instead.

■ 37, 39.841, 62.146

■ 37, 39.841, 62.146

■ 100, 39.841,
62.146

■ 27, 39.841, 62.146

■ 57, 39.841, 62.146

■ 17, 39.841, 62.146

■ 67, 39.841, 62.146

■ 7, 39.841, 62.146

■ 77, 39.841, 62.146

■ 0, 39.841, 62.146

■ 87, 39.841, 62.146

■ 97, 39.841, 62.146

■ 37, 39.841, 62.146

■ 37, 39.841, 62.146

■ 35, 45.170, 60.683

■ 39, 34.143, 63.369

34, 49.876, 58.949

41, 28.429, 64.497

33, 51.433, 58.640

43, 22.873, 65.601

45, 17.548, 66.708

47, 12.480, 67.819

49, 7.667, 68.926

52, 3.093, 69.988

54, 1.260, 251.413

56, 5.414, 252.323

Harmonies

Complementary

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



37, 39.841, 62.146



34, 30.379, 268.402

Rectangle

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



37, 39.841, 62.146



37, 39.841, 112.146



37, 39.841, 242.146



37, 39.841, 292.146

Sweetspot

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



37, 39.840, 62.149



62, 13.046, 68.210



30, 46.615, 350.127



31, 9.174, 67.866



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



37, 39.840, 62.149



45, 58.723, 59.336



50, 49.039, 101.017



26, 2.485, 69.782



33, 51.524, 58.631



0, 0.000, 0.000

Inverse Universe

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



34, 30.379, 268.402



40, 44.170, 275.709



20, 61.692, 301.223



25, 2.422, 252.014



29, 38.632, 278.117



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 37, 39.841, 62.146 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 37, 39.841, 62.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

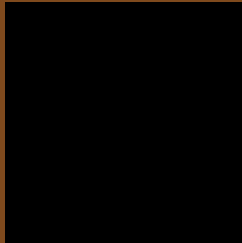
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 39.841, 62.146

Background



This preview shows how black text looks on a background with the CIELCh color 37, 39.841, 62.146.



This preview shows how white text looks on a background with the CIELCh color 37, 39.841, 62.146.

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

37, 39.841, 62.146

Protanopia

37, 32.684, 96.002

Deuteranopia

37, 36.446, 82.136



Tritanopia
37, 27.507, 17.891

Trichromacy



Original Color
37, 39.841, 62.146

Protanomaly
37, 33.432, 81.640

Deuteranomaly
37, 37.093, 74.746

Tritanomaly
37, 29.623, 39.784

Monochromacy



Original Color
37, 39.841, 62.146

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 13.480, 66.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 39.841, 62.146 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(127, 74, 29)` looks like.

```
.text, #text, p{  
  color:rgb(127, 74, 29)  
}
```

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(127, 74, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 74, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 39.841, 62.146 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(127, 74, 29) }
```

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

```
.border{ border-color:rgb(127, 74, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 74, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 74, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 74, 29);  
box-shadow:4px 4px 4px 4px rgb(127, 74,  
29) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 39.841, 62.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 74, 29) }
```

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

```
.background{ background-color: rgb(127, 74,  
29) }
```

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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