

Converting Colors

CIELCh(27, 40.337, 11.997)

Have a look what the booklet for
CIELCh(27, 40.337, 11.997) contains.

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Color

CIELCh(27, 40.068, 11.814)

Conversions

Conversions Part 1

Format	Color
Hex	761F35
RGB	118, 31, 53
RGB Percent	46%, 12%, 21%
CMY	0.5371, 0.8783, 0.7920
CMYK	0.00, 0.74, 0.55, 0.54
HSL	345°, 58%, 29%
HSV	345°, 74%, 46%
XYZ	8.6109, 5.0937, 3.9013
YIQ	59.5210, 44.7900, 25.2860

Conversions

Conversions Part 2

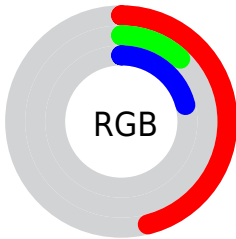
Format	Color
RYB	118, 31, 53
Decimal	7741237
CIELab	27.00, 39.22, 8.20
CIElCh	27, 40.068, 11.814
Yxy	5.0937, 0.4891, 0.2893
Android (android.graphics.Color)	4285931317 (0xFF761F35)
YUV	59.5210, -3.2149, 51.2861
Hunter-Lab	22.5692, 28.6078, 5.5496

Details

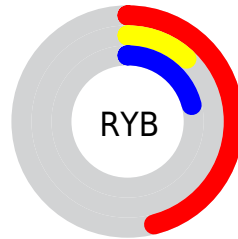
The CIELCh color **27, 40.068, 11.814** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **44, 31.371, 171.151**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 40.120, 11.869**, and **10, 32.539, 22.168** is the 20% darker color. If you saturate the color by 10%, you get **25, 44.301, 15.528**, and if you desaturate by 10%, it is **29, 35.154, 8.843**.

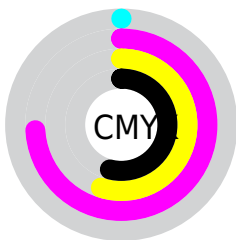
Distribution



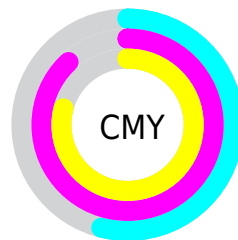
- Red (46%)
- Green (12%)
- Blue (21%)



- Red (46%)
- Yellow (12%)
- Blue (21%)



- Cyan (0%)
- Magenta (74%)
- Yellow (55%)
- Black (54%)



- Cyan (54%)
- Magenta (88%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 40.068, 11.814 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 27, 40.068, 11.814 by changing the saturation by 10% instead.

■ 27, 40.068, 11.814

■ 27, 40.068, 11.814

■ 100, 40.068,
11.814

■ 17, 40.068, 11.814

■ 47, 40.068, 11.814

■ 7, 40.068, 11.814

■ 57, 40.068, 11.814

■ 0, 40.068, 11.814

■ 67, 40.068, 11.814

■ 77, 40.068, 11.814

■ 87, 40.068, 11.814

■ 97, 40.068, 11.814

■ 27, 40.068, 11.814

■ 27, 40.068, 11.814

25, 44.301, 15.528

29, 35.154, 8.843

24, 47.824, 20.017

32, 29.754, 6.469

23, 50.094, 22.772

35, 24.088, 4.555

38, 18.350, 2.987

41, 12.685, 1.676

45, 7.184, 0.550

48, 1.899, 359.466

52, 3.149, 178.914

56, 7.957, 178.110

Harmonies

Complementary

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



27, 40.068, 11.814



44, 31.371, 171.151

Rectangle

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



27, 40.068, 11.814



27, 40.068, 61.814



27, 40.068, 191.814



27, 40.068, 241.814

Sweetspot

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



27, 40.066, 11.816



54, 14.530, 1.538



26, 56.288, 319.276



26, 9.743, 1.783



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



27, 40.066, 11.816



33, 56.291, 18.372



30, 38.408, 43.723



23, 2.906, 0.063



25, 51.486, 23.012



53, 89.302, 26.406

Inverse Universe

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



27, 40.066, 11.816



33, 56.291, 18.372



38, 22.084, 232.280



23, 2.906, 0.063



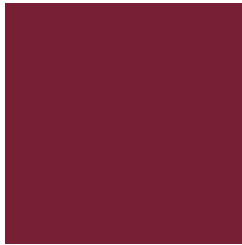
25, 51.486, 23.012



53, 89.302, 26.406

Previews

White Background



This preview shows how the CIE LCh color 27, 40.068, 11.814 looks on a white background.

Color Contrast Check

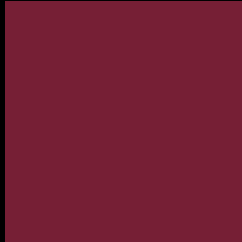
Large Text (above 18pt) WCAG AA ✓ Pass

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 27, 40.068, 11.814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

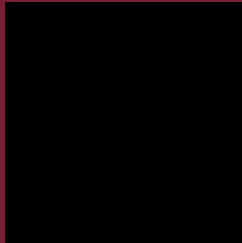
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 40.068, 11.814

Background



This preview shows how black text looks on a background with the CIELCh color 27, 40.068, 11.814.



This preview shows how white text looks on a background with the CIELCh color 27, 40.068, 11.814.

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

27, 40.068, 11.814

Protanopia

28, 3.246, 290.823

Deuteranopia

28, 11.468, 71.339



Tritanopia
27, 40.869, 28.628

Trichromacy



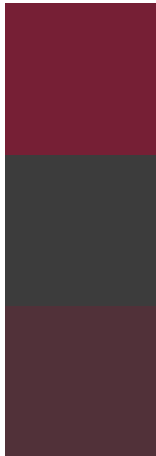
Original Color
27, 40.068, 11.814

Protanomaly
26, 15.777, 356.002

Deuteranomaly
26, 20.295, 25.279

Tritanomaly
27, 39.884, 22.970

Monochromacy



Original Color
27, 40.068, 11.814

Achromatopsia
25, 0.004, 296.813

Achromatomaly
24, 15.843, 3.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 40.068, 11.814 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(118, 31, 53)` looks like.

```
.text, #text, p{  
    color:rgb(118, 31, 53)  
}
```

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(118, 31, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 31, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 40.068, 11.814 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(118, 31, 53) }
```

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

```
.border{ border-color:rgb(118, 31, 53) }
```

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

Here you see how a box with a 4 pixel rgb(118, 31, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 31, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 31, 53);  
box-shadow:4px 4px 4px 4px rgb(118, 31,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 40.068, 11.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 31, 53) }
```

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

```
.background{ background-color: rgb(118, 31,  
53) }
```

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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