

Converting Colors

CIELCh(29, 62.512, 37.067)

Have a look what the booklet for
CIELCh(29, 62.512, 37.067) contains.

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Color

CIELCh(29, 62.412, 37.044)

Conversions

Conversions Part 1

Format	Color
Hex	8C0A0B
RGB	140, 10, 11
RGB Percent	55%, 4%, 4%
CMY	0.4503, 0.9595, 0.9563
CMYK	0.00, 0.93, 0.92, 0.45
HSL	360°, 86%, 30%
HSV	360°, 93%, 55%
XYZ	11.0161, 5.8380, 0.8670
YIQ	48.9840, 77.1590, 27.8710

Conversions

Conversions Part 2

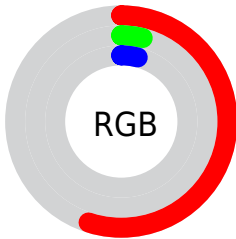
Format	Color
R _Y B	140, 10, 11
Decimal	9177611
CIE Lab	29.00, 49.82, 37.60
CIE LCh	29, 62.412, 37.044
Yxy	5.8380, 0.6216, 0.3294
Android (android.graphics.Color)	4287367691 (0xFF8C0A0B)
YUV	48.9840, -18.7261, 79.8210
Hunter-Lab	24.1619, 39.0998, 14.7858

Details

The CIELCh color **29, 62.412, 37.044** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **53, 31.734, 195.551**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 62.471, 37.019**, and **14, 40.789, 32.108** is the 20% darker color. If you saturate the color by 10%, you get **28, 65.869, 38.799**, and if you desaturate by 10%, it is **30, 56.445, 33.632**.

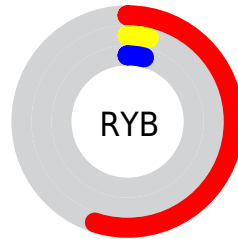
Distribution



Red (55%)

Green (4%)

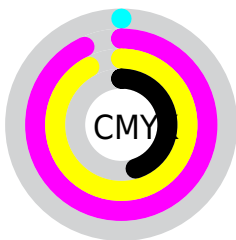
Blue (4%)



Red (55%)

Yellow (4%)

Blue (4%)

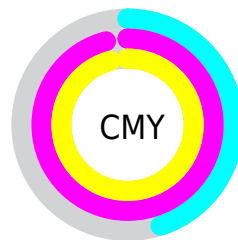


Cyan (0%)

Magenta (93%)

Yellow (92%)

Black (45%)



Cyan (45%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 62.412, 37.044 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, 62.412, 37.044 by changing the saturation by 10% instead.

■ 29, 62.412, 37.044

■ 29, 62.412, 37.044

■ 100, 62.412,
37.044

■ 19, 62.412, 37.044

■ 49, 62.412, 37.044

■ 9, 62.412, 37.044

■ 59, 62.412, 37.044

■ 0, 62.412, 37.044

■ 69, 62.412, 37.044

■ 79, 62.412, 37.044

■ 89, 62.412, 37.044

■ 99, 62.412, 37.044

■ 29, 62.412, 37.044

■ 29, 62.412, 37.044

28, 65.869, 38.799

30, 56.445, 33.632

32, 49.465, 30.205

35, 42.070, 27.267

38, 34.576, 24.907

41, 27.215, 23.065

45, 20.149, 21.640

49, 13.479, 20.532

53, 7.246, 19.652

57, 1.455, 18.750

Harmonies

Complementary

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



29, 62.412, 37.044



53, 31.734, 195.551

Rectangle

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



29, 62.412, 37.044



29, 62.412, 87.044



29, 62.412, 217.044



29, 62.412, 267.044

Sweetspot

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



29, 62.410, 37.046



59, 21.001, 21.158



33, 72.436, 327.547



29, 14.814, 21.616



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



29, 62.410, 37.046



38, 80.562, 39.729



39, 51.232, 61.486



27, 3.148, 19.376



27, 62.932, 38.413



0, 1.414, 18.883

Inverse Universe

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



29, 62.410, 37.046



38, 80.562, 39.729



33, 40.615, 278.143



27, 3.148, 19.376



27, 62.932, 38.413



0, 1.414, 18.883

Previews

White Background



This preview shows how the CIELCh color 29, 62.412, 37.044 looks on a white background.

Color Contrast Check

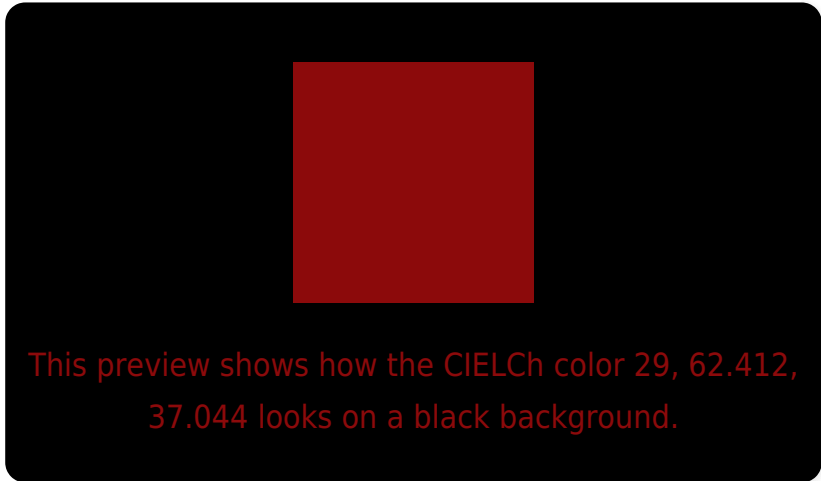
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, 62.412, 37.044

Background



This preview shows how black text looks on a background with the CIELCh color 29, 62.412, 37.044.



This preview shows how white text looks on a background with the CIELCh color 29, 62.412, 37.044.

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, 62.412, 37.044

Protanopia

30, 29.417, 95.425

Deuteranopia

30, 39.309, 84.507



Tritanopia
29, 64.851, 40.521

Trichromacy



Original Color
29, 62.412, 37.044

Protanomaly
27, 36.076, 53.499

Deuteranomaly
27, 44.347, 55.120

Tritanomaly
29, 63.970, 39.251

Monochromacy



Original Color
29, 62.412, 37.044

Achromatopsia
20, 0.004, 296.813

Achromatomaly
21, 24.346, 25.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 62.412, 37.044 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(140, 10, 11)` looks like.

```
.text, #text, p{  
    color:rgb(140, 10, 11)  
}
```

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(140, 10, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 10, 11) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 62.412, 37.044 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(140, 10, 11) }
```

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

```
.border{ border-color:rgb(140, 10, 11) }
```

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

Here you see how a box with a 4 pixel rgb(140, 10, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 10, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 10, 11);  
box-shadow:4px 4px 4px 4px rgb(140, 10,  
11) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 62.412, 37.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 10, 11) }
```

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

```
.background{ background-color: rgb(140, 10,  
11) }
```

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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