

Converting Colors

CIELCh(29, 64.252, 38.022)

Have a look what the booklet for
CIELCh(29, 64.252, 38.022) contains.

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Color

CIELCh(29, 64.038, 37.927)

Conversions

Conversions Part 1

Format	Color
Hex	8D0707
RGB	141, 7, 7
RGB Percent	55%, 3%, 3%
CMY	0.4468, 0.9720, 0.9723
CMYK	0.00, 0.95, 0.95, 0.45
HSL	0°, 90%, 29%
HSV	0°, 95%, 55%
XYZ	11.1109, 5.8380, 0.7438
YIQ	47.0660, 79.8640, 28.4080

Conversions

Conversions Part 2

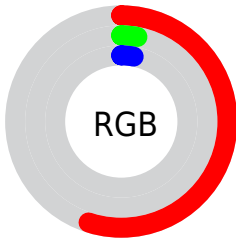
Format	Color
RYB	141, 7, 7
Decimal	9242375
CIELab	29.00, 50.51, 39.36
CIELCh	29, 64.038, 37.927
Yxy	5.8380, 0.6280, 0.3300
Android (android.graphics.Color)	4287432455 (0xFF8D0707)
YUV	47.0660, -19.7525, 82.3801
Hunter-Lab	24.1619, 39.8001, 15.0882

Details

The CIELCh color **29, 64.038, 37.927** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **53, 31.891, 196.498**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 64.421, 37.847**, and **14, 41.240, 32.339** is the 20% darker color. If you saturate the color by 10%, you get **29, 66.417, 39.096**, and if you desaturate by 10%, it is **30, 58.494, 34.856**.

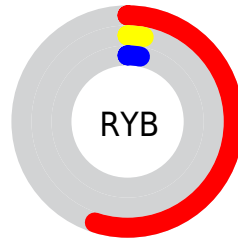
Distribution



Red (55%)

Green (3%)

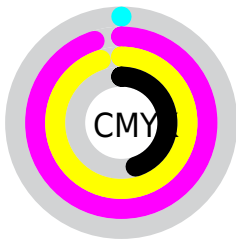
Blue (3%)



Red (55%)

Yellow (3%)

Blue (3%)

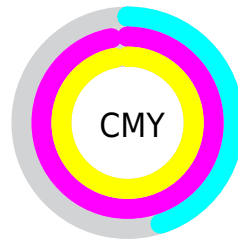


Cyan (0%)

Magenta (95%)

Yellow (95%)

Black (45%)



Cyan (45%)

Magenta (97%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 64.038, 37.927 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, 64.038, 37.927 by changing the saturation by 10% instead.

■ 29, 64.038, 37.927

■ 29, 64.038, 37.927

■ 100, 64.038,
37.927

■ 19, 64.038, 37.927

■ 49, 64.038, 37.927

■ 9, 64.038, 37.927

■ 59, 64.038, 37.927

■ 0, 64.038, 37.927

■ 69, 64.038, 37.927

■ 79, 64.038, 37.927

■ 89, 64.038, 37.927

■ 99, 64.038, 37.927

■ 29, 64.038, 37.927

■ 29, 64.038, 37.927

29, 66.417, 39.096

30, 58.494, 34.856

32, 51.603, 31.414

34, 44.184, 28.371

37, 36.608, 25.896

41, 29.126, 23.956

44, 21.920, 22.457

48, 15.101, 21.298

52, 8.724, 20.389

57, 2.799, 19.594

Harmonies

Complementary

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



29, 64.038, 37.927



53, 31.891, 196.498

Rectangle

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



29, 64.038, 37.927



29, 64.038, 87.927



29, 64.038, 217.927



29, 64.038, 267.927

Sweetspot

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



29, 64.036, 37.929



60, 21.253, 21.682



33, 73.279, 328.182



29, 14.823, 22.130



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, 64.036, 37.929



38, 81.695, 40.001



39, 52.260, 62.365



28, 3.244, 19.934



27, 64.123, 38.809



0, 2.120, 19.452

Inverse Universe

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



53, 31.891, 196.498



68, 39.125, 196.474



32, 43.192, 280.962



30, 3.067, 199.055



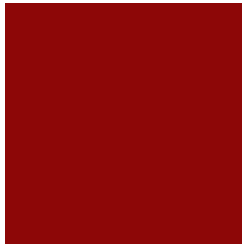
51, 31.242, 196.471



2, 2.120, 199.469

Previews

White Background



This preview shows how the CIE LCh color 29, 64.038, 37.927 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 29, 64.038, 37.927 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, 64.038, 37.927

Background



This preview shows how black text looks on a background with the CIELCh color 29, 64.038, 37.927.



This preview shows how white text looks on a background with the CIELCh color 29, 64.038, 37.927.

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, 64.038, 37.927

Protanopia

30, 30.880, 95.549

Deuteranopia

30, 39.475, 85.440



Tritanopia
29, 64.745, 40.660

Trichromacy



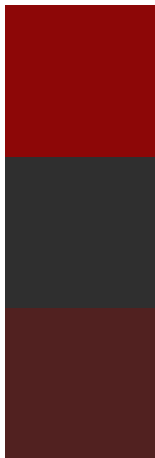
Original Color
29, 64.038, 37.927

Protanomaly
27, 37.783, 54.621

Deuteranomaly
27, 45.092, 55.145

Tritanomaly
29, 64.213, 39.539

Monochromacy



Original Color
29, 64.038, 37.927

Achromatopsia
19, 0.004, 296.813

Achromatomaly
20, 25.234, 27.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 64.038, 37.927 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(141, 7, 7)` looks like.

```
.text, #text, p{  
    color:rgb(141, 7, 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(141, 7, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 7, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 64.038, 37.927 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(141, 7, 7) }
```

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

```
.border{ border-color:rgb(141, 7, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 7, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 7, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(141, 7, 7); box-shadow:4px  
4px 4px 4px rgb(141, 7, 7) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 64.038, 37.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 7, 7) }
```

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

```
.background{ background-color: rgb(141, 7,  
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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