

Converting Colors

CIELCh(27, 49.954, 29.473)

Have a look what the booklet for
CIELCh(27, 49.954, 29.473) contains.

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Color

CIELCh(27, 49.881, 29.426)

Conversions

Conversions Part 1

Format	Color
Hex	7E161D
RGB	126, 22, 29
RGB Percent	49%, 9%, 11%
CMY	0.5060, 0.9138, 0.8864
CMYK	0.00, 0.83, 0.77, 0.51
HSL	356°, 70%, 29%
HSV	356°, 83%, 49%
XYZ	9.1063, 5.0937, 1.6640
YIQ	53.8940, 59.7370, 24.2250

Conversions

Conversions Part 2

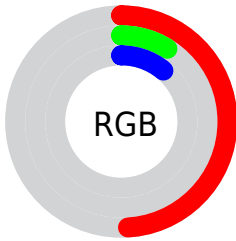
Format	Color
RYB	126, 22, 29
Decimal	8263197
CIELab	27.00, 43.45, 24.51
CIELCh	27, 49.881, 29.426
Yxy	5.0937, 0.5740, 0.3211
Android (android.graphics.Color)	4286453277 (0xFF7E161D)
YUV	53.8940, -12.2727, 63.2370
Hunter-Lab	22.5692, 32.5261, 11.4272

Details

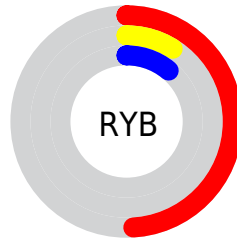
The CIELCh color **27, 49.881, 29.426** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **48, 29.566, 188.219**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 49.849, 29.450**, and **11, 35.778, 29.053** is the 20% darker color. If you saturate the color by 10%, you get **26, 55.242, 33.487**, and if you desaturate by 10%, it is **29, 43.896, 25.779**.

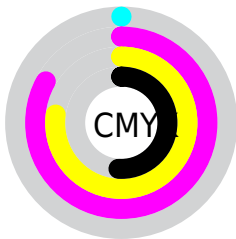
Distribution



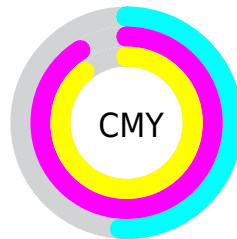
- Red (49%)
- Green (9%)
- Blue (11%)



- Red (49%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (83%)
- Yellow (77%)
- Black (51%)



- Cyan (51%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 49.881, 29.426 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, 49.881, 29.426 by changing the saturation by 10% instead.

■ 27, 49.881, 29.426

■ 27, 49.881, 29.426

■ 100, 49.881,
29.426

■ 17, 49.881, 29.426

■ 47, 49.881, 29.426

■ 7, 49.881, 29.426

■ 57, 49.881, 29.426

■ 0, 49.881, 29.426

■ 67, 49.881, 29.426

■ 77, 49.881, 29.426

■ 87, 49.881, 29.426

■ 97, 49.881, 29.426

■ 27, 49.881, 29.426

■ 27, 49.881, 29.426

26, 55.242, 33.487

29, 43.896, 25.779

25, 58.566, 35.533

31, 37.542, 22.753

34, 31.029, 20.337

37, 24.550, 18.430

41, 18.262, 16.923

44, 12.263, 15.718

48, 6.605, 14.729

52, 1.302, 13.705

56, 3.653, 193.455

Harmonies

Complementary

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



27, 49.881, 29.426



48, 29.566, 188.219

Rectangle

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



27, 49.881, 29.426



27, 49.881, 79.426



27, 49.881, 209.426



27, 49.881, 259.426

Sweetspot

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



27, 49.879, 29.428



55, 16.960, 16.056



29, 63.748, 325.176



27, 11.617, 16.396



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



27, 49.879, 29.428



34, 71.485, 36.704



35, 42.937, 57.765



25, 2.959, 14.417



25, 59.151, 35.634



0, 0.000, 0.000

Inverse Universe

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



27, 49.879, 29.428



34, 71.485, 36.704



34, 29.920, 265.148



25, 2.959, 14.417



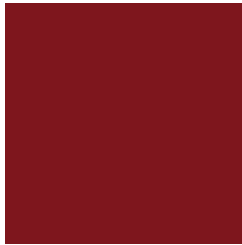
25, 59.151, 35.634



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 27, 49.881, 29.426 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, 49.881, 29.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

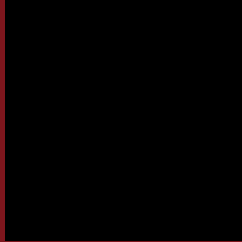
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 49.881, 29.426

Background



This preview shows how black text looks on a background with the CIELCh color 27, 49.881, 29.426.



This preview shows how white text looks on a background with the CIELCh color 27, 49.881, 29.426.

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, 49.881, 29.426

Protanopia

28, 15.634, 96.023

Deuteranopia

28, 27.674, 83.418



Tritanopia
27, 51.384, 33.396

Trichromacy



Original Color
27, 49.881, 29.426

Protanomaly
26, 24.058, 43.235

Deuteranomaly
26, 31.991, 50.023

Tritanomaly
27, 50.797, 32.222

Monochromacy



Original Color
27, 49.881, 29.426

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 18.923, 17.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 49.881, 29.426 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(126, 22, 29)` looks like.

```
.text, #text, p{  
    color:rgb(126, 22, 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(126, 22, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 22, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 49.881, 29.426 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(126, 22, 29) }
```

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

```
.border{ border-color:rgb(126, 22, 29) }
```

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

Here you see how a box with a 4 pixel rgb(126, 22, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 22, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 22, 29);  
box-shadow:4px 4px 4px 4px rgb(126, 22,  
29) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 49.881, 29.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 22, 29) }
```

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

```
.background{ background-color: rgb(126, 22,  
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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