

Converting Colors

CIELCh(27, 49.800, 32.585)

Have a look what the booklet for
CIELCh(27, 49.800, 32.585) contains.

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Color

CIELCh(27, 49.956, 32.774)

Conversions

Conversions Part 1

Format	Color
Hex	7D1919
RGB	125, 25, 25
RGB Percent	49%, 10%, 10%
CMY	0.5108, 0.9030, 0.9027
CMYK	0.00, 0.80, 0.80, 0.51
HSL	360°, 67%, 29%
HSV	360°, 80%, 49%
XYZ	8.9352, 5.0937, 1.4217
YIQ	54.9000, 59.6000, 21.2000

Conversions

Conversions Part 2

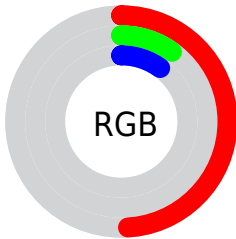
Format	Color
RYB	125, 25, 25
Decimal	8198425
CIELab	27.00, 42.00, 27.04
CIElCh	27, 49.956, 32.774
Yxy	5.0937, 0.5783, 0.3297
Android (android.graphics.Color)	4286388505 (0xFF7D1919)
YUV	54.9000, -14.7407, 61.4777
Hunter-Lab	22.5692, 31.1726, 12.0636

Details

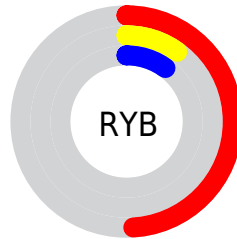
The CIELCh color **27, 49.956, 32.774** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **47, 27.734, 196.456**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 50.052, 32.354**, and **11, 35.320, 28.720** is the 20% darker color. If you saturate the color by 10%, you get **26, 55.728, 36.089**, and if you desaturate by 10%, it is **29, 43.406, 29.548**.

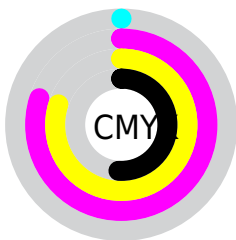
Distribution



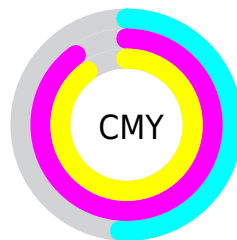
- Red (49%)
- Green (10%)
- Blue (10%)



- Red (49%)
- Yellow (10%)
- Blue (10%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (51%)



- Cyan (51%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 49.956, 32.774 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, 49.956, 32.774 by changing the saturation by 10% instead.

■ 27, 49.956, 32.774

■ 27, 49.956, 32.774

■ 100, 49.956,
32.774

■ 17, 49.956, 32.774

■ 47, 49.956, 32.774

■ 7, 49.956, 32.774

■ 57, 49.956, 32.774

■ 0, 49.956, 32.774

■ 67, 49.956, 32.774

■ 77, 49.956, 32.774

■ 87, 49.956, 32.774

■ 97, 49.956, 32.774

■ 27, 49.956, 32.774

■ 27, 49.956, 32.774

26, 55.728, 36.089

29, 43.406, 29.548

25, 59.967, 38.127

31, 36.592, 26.843

34, 29.768, 24.690

38, 23.121, 23.013

41, 16.780, 21.715

45, 10.814, 20.703

48, 5.251, 19.888

52, 0.086, 14.803

56, 4.706, 198.951

Harmonies

Complementary

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



27, 49.956, 32.774



47, 27.734, 196.456

Rectangle

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



27, 49.956, 32.774



27, 49.956, 82.774



27, 49.956, 212.774



27, 49.956, 262.774

Sweetspot

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



27, 49.954, 32.776



56, 16.295, 21.120



30, 62.360, 327.386



27, 11.259, 21.424



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, 49.954, 32.776



34, 72.450, 38.639



36, 40.762, 63.914



24, 2.851, 19.802



25, 60.051, 38.141



53, 103.748, 39.977

Inverse Universe

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



27, 49.954, 32.776



34, 72.450, 38.639



32, 32.234, 272.422



24, 2.851, 19.802



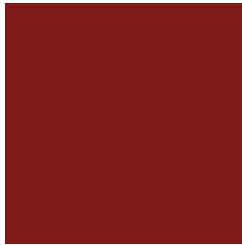
25, 60.051, 38.141



53, 103.748, 39.977

Previews

White Background



This preview shows how the CIELCh color 27, 49.956, 32.774 looks on a white background.

Color Contrast Check

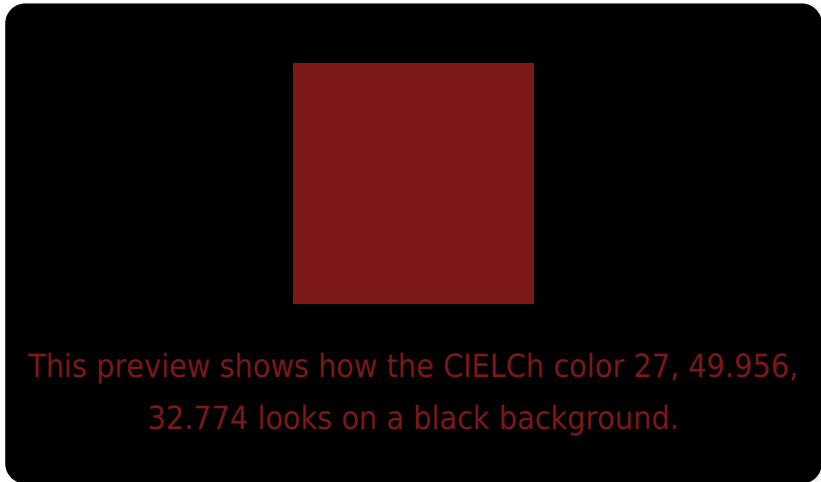
Large Text (above 18pt) WCAG AA ✓ Pass

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

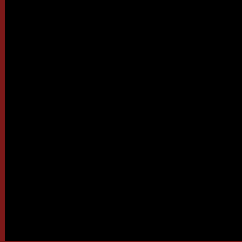
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 49.956, 32.774

Background



This preview shows how black text looks on a background with the CIELCh color 27, 49.956, 32.774.

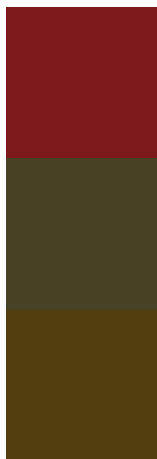


This preview shows how white text looks on a background with the CIELCh color 27, 49.956, 32.774.

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, 49.956, 32.774

Protanopia

28, 19.282, 97.216

Deuteranopia

28, 30.564, 82.577



Tritanopia
27, 49.956, 32.774

Trichromacy



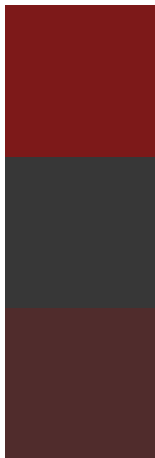
Original Color
27, 49.956, 32.774

Protanomaly
26, 25.340, 50.870

Deuteranomaly
26, 34.439, 54.040

Tritanomaly
27, 49.956, 32.774

Monochromacy



Original Color
27, 49.956, 32.774

Achromatopsia
23, 0.004, 296.813

Achromatomaly
23, 18.100, 23.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 49.956, 32.774 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(125, 25, 25)` looks like.

```
.text, #text, p{  
    color:rgb(125, 25, 25)  
}
```

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(125, 25, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 25, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 49.956, 32.774 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(125, 25, 25) }
```

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

```
.border{ border-color:rgb(125, 25, 25) }
```

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

Here you see how a box with a 4 pixel rgb(125, 25, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 25, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 25, 25);  
box-shadow:4px 4px 4px 4px rgb(125, 25,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 49.956, 32.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 25, 25) }
```

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

```
.background{ background-color: rgb(125, 25,  
25) }
```

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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