

Converting Colors

CIELCh(27, 57.812, 29.495)

Have a look what the booklet for
CIELCh(27, 57.812, 29.495) contains.

CIELCh(27, 57.605, 29.417)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(27, 57.605, 29.417)

Conversions

Conversions Part 1

Format	Color
Hex	860018
RGB	134, 0, 24
RGB Percent	53%, 0%, 9%
CMY	0.4758, 1.0000, 0.9068
CMYK	0.00, 1.00, 0.82, 0.48
HSL	349°, 100%, 26%
HSV	349°, 100%, 52%
XYZ	9.9341, 5.0937, 1.3114
YIQ	42.8020, 72.1600, 35.8720

Conversions

Conversions Part 2

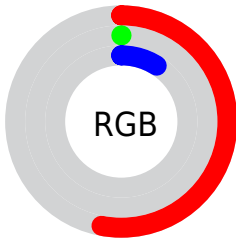
Format	Color
RYB	134, 0, 24
Decimal	8781848
CIELab	27.00, 50.18, 28.29
CIElCh	27, 57.605, 29.417
Yxy	5.0937, 0.6080, 0.3117
Android (android.graphics.Color)	4286971928 (0xFF860018)
YUV	42.8020, -9.2694, 79.9806
Hunter-Lab	22.5692, 39.0726, 12.3533

Details

The CIELCh color **27, 57.605, 29.417** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **50, 37.195, 173.650**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **47, 57.648, 29.318**, and **13, 38.520, 30.845** is the 20% darker color. If you saturate the color by 10%, you get **27, 57.538, 29.494**, and if you desaturate by 10%, it is **28, 53.081, 24.897**.

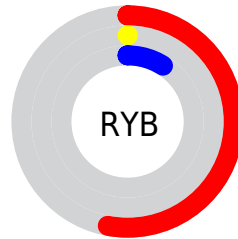
Distribution



Red (53%)

Green (0%)

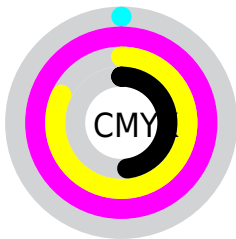
Blue (9%)



Red (53%)

Yellow (0%)

Blue (9%)

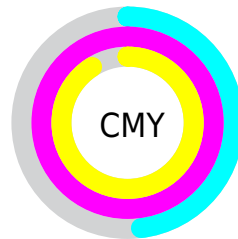


Cyan (0%)

Magenta (100%)

Yellow (82%)

Black (48%)



Cyan (48%)

Magenta (100%)

Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 57.605, 29.417 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, 57.605, 29.417 by changing the saturation by 10% instead.

 27, 57.605, 29.417

 27, 57.605, 29.417

 100, 57.605,
29.417

 17, 57.605, 29.417

 47, 57.605, 29.417

 7, 57.605, 29.417

 57, 57.605, 29.417

 0, 57.605, 29.417

 67, 57.605, 29.417

 77, 57.605, 29.417

 87, 57.605, 29.417

 97, 57.605, 29.417

 27, 57.605, 29.417

 27, 57.605, 29.417

■ 27, 57.538, 29.494

■ 28, 53.081, 24.897

■ 29, 48.286, 20.469

■ 31, 42.822, 16.798

■ 34, 36.815, 13.853

■ 37, 30.479, 11.510

■ 40, 24.037, 9.636

■ 44, 17.670, 8.115

■ 48, 11.502, 6.857

■ 52, 5.603, 5.778

Harmonies

Complementary

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



27, 57.605, 29.417



50, 37.195, 173.650

Rectangle

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



27, 57.605, 29.417



27, 57.605, 79.417



27, 57.605, 209.417



27, 57.605, 259.417

Sweetspot

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



27, 57.538, 29.494



56, 21.889, 8.208



27, 72.669, 321.466



27, 14.984, 8.723



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



27, 57.538, 29.494



36, 70.445, 30.798



31, 57.204, 49.005



26, 3.132, 5.687



26, 56.332, 29.335



0, 0.733, 4.950

Inverse Universe

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



27, 57.538, 29.494



36, 70.445, 30.798



36, 30.718, 257.658



26, 3.132, 5.687



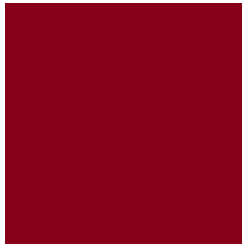
26, 56.332, 29.335



0, 0.733, 4.950

Previews

White Background



This preview shows how the CIELCh color 27, 57.605, 29.417 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, 57.605, 29.417

Background



This preview shows how black text looks on a background with the CIELCh color 27, 57.605, 29.417.



This preview shows how white text looks on a background with the CIELCh color 27, 57.605, 29.417.

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, 57.605, 29.417

Protanopia

29, 19.204, 97.336

Deuteranopia

28, 33.504, 84.043



Tritanopia
27, 62.057, 40.373

Trichromacy



Original Color
27, 57.605, 29.417

Protanomaly
25, 29.211, 37.521

Deuteranomaly
25, 39.190, 47.801

Tritanomaly
27, 60.335, 37.065

Monochromacy



Original Color
27, 57.605, 29.417

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 24.822, 13.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 57.605, 29.417 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(134, 0, 24)` looks like.

```
.text, #text, p{  
    color:rgb(134, 0, 24)  
}
```

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(134, 0, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 0, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 57.605, 29.417 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(134, 0, 24) }
```

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

```
.border{ border-color:rgb(134, 0, 24) }
```

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

Here you see how a box with a 4 pixel rgb(134, 0, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 0, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 0, 24);  
box-shadow:4px 4px 4px 4px rgb(134, 0, 24)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 57.605, 29.417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 0, 24) }
```

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

```
.background{ background-color: rgb(134, 0,  
24) }
```

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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