

Converting Colors

CIELCh(27, 49.192, 23.746)

Have a look what the booklet for
CIELCh(27, 49.192, 23.746) contains.

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Color

CIELCh(27, 49.204, 24.006)

Conversions

Conversions Part 1

Format	Color
Hex	7F1324
RGB	127, 19, 36
RGB Percent	50%, 7%, 14%
CMY	0.5023, 0.9259, 0.8591
CMYK	0.00, 0.85, 0.72, 0.50
HSL	351°, 74%, 29%
HSV	351°, 85%, 50%
XYZ	9.2869, 5.0937, 2.1575
YIQ	53.2300, 58.9110, 28.1830

Conversions

Conversions Part 2

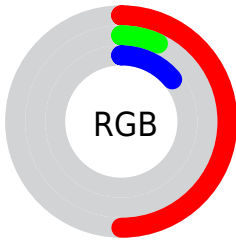
Format	Color
RYB	127, 19, 36
Decimal	8327972
CIELab	27.00, 44.95, 20.02
CIELCh	27, 49.204, 24.006
Yxy	5.0937, 0.5615, 0.3080
Android (android.graphics.Color)	4286518052 (0xFF7F1324)
YUV	53.2300, -8.4944, 64.6963
Hunter-Lab	22.5692, 33.9540, 10.1306

Details

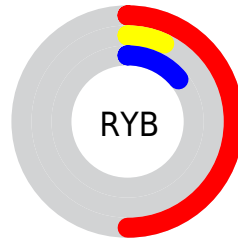
The CIELCh color **27, 49.204, 24.006** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **48, 32.730, 178.004**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 49.569, 24.128**, and **11, 36.236, 29.375** is the 20% darker color. If you saturate the color by 10%, you get **26, 53.737, 28.596**, and if you desaturate by 10%, it is **29, 44.087, 19.999**.

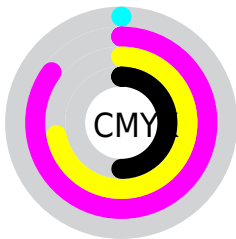
Distribution



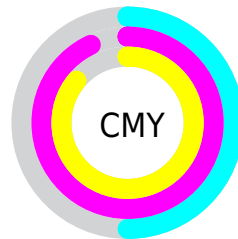
- Red (50%)
- Green (7%)
- Blue (14%)



- Red (50%)
- Yellow (7%)
- Blue (14%)



- Cyan (0%)
- Magenta (85%)
- Yellow (72%)
- Black (50%)



- Cyan (50%)
- Magenta (93%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 49.204, 24.006 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, 49.204, 24.006 by changing the saturation by 10% instead.

■ 27, 49.204, 24.006

■ 27, 49.204, 24.006

■ 100, 49.204,
24.006

■ 17, 49.204, 24.006

■ 47, 49.204, 24.006

■ 7, 49.204, 24.006

■ 57, 49.204, 24.006

■ 0, 49.204, 24.006

■ 67, 49.204, 24.006

■ 77, 49.204, 24.006

■ 87, 49.204, 24.006

■ 97, 49.204, 24.006

■ 27, 49.204, 24.006

■ 27, 49.204, 24.006

26, 53.737, 28.596

29, 44.087, 19.999

25, 55.990, 30.628

31, 38.422, 16.725

34, 32.379, 14.110

37, 26.169, 12.029

40, 19.983, 10.357

44, 13.958, 8.992

47, 8.180, 7.852

51, 2.692, 6.816

55, 2.496, 186.299

Harmonies

Complementary

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



27, 49.204, 24.006



48, 32.730, 178.004

Rectangle

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



27, 49.204, 24.006



27, 49.204, 74.006



27, 49.204, 204.006



27, 49.204, 254.006

Sweetspot

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



27, 49.202, 24.008



56, 18.046, 9.182



27, 65.260, 322.394



28, 12.416, 9.560



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



27, 49.202, 24.008



34, 68.916, 31.989



32, 46.073, 50.970



25, 3.012, 7.235



26, 56.193, 30.656



0, 0.000, 0.000

Inverse Universe

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



27, 49.202, 24.008



34, 68.916, 31.989



36, 27.308, 253.702



25, 3.012, 7.235



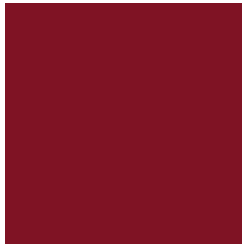
26, 56.193, 30.656



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 27, 49.204, 24.006 looks on a white background.

Color Contrast Check

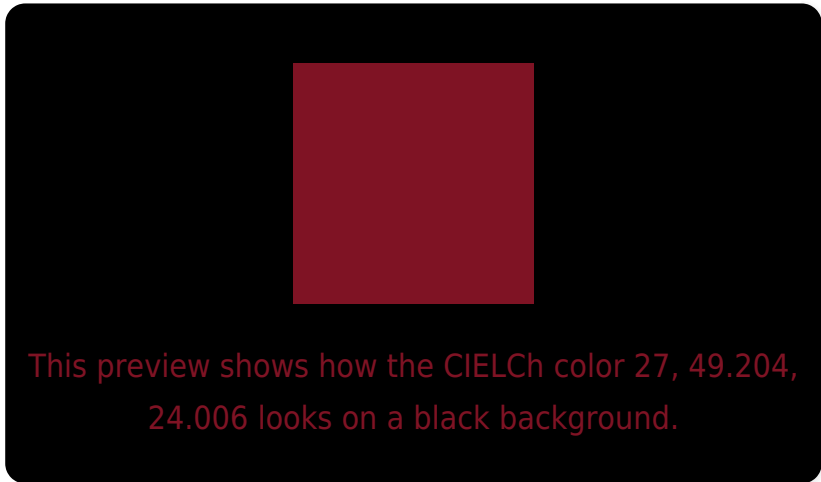
Large Text (above 18pt) WCAG AA ✓ Pass

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

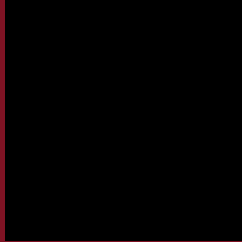
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 49.204, 24.006

Background



This preview shows how black text looks on a background with the CIELCh color 27, 49.204, 24.006.

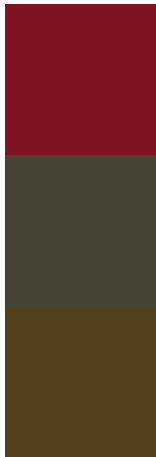


This preview shows how white text looks on a background with the CIELCh color 27, 49.204, 24.006.

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, 49.204, 24.006

Protanopia

28, 9.207, 96.339

Deuteranopia

28, 23.429, 80.637



Tritanopia
27, 52.598, 34.289

Trichromacy



Original Color
27, 49.204, 24.006

Protanomaly
26, 21.289, 28.815

Deuteranomaly
26, 29.489, 42.827

Tritanomaly
27, 51.326, 31.137

Monochromacy



Original Color
27, 49.204, 24.006

Achromatopsia
22, 0.004, 296.813

Achromatomaly
22, 19.359, 12.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 49.204, 24.006 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(127, 19, 36)` looks like.

```
.text, #text, p{  
    color:rgb(127, 19, 36)  
}
```

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(127, 19, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 19, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 49.204, 24.006 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(127, 19, 36) }
```

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

```
.border{ border-color:rgb(127, 19, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 19, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 19, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 19, 36);  
box-shadow:4px 4px 4px 4px rgb(127, 19,  
36) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 49.204, 24.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 19, 36) }
```

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

```
.background{ background-color: rgb(127, 19,  
36) }
```

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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