

Converting Colors

CIELCh(24, 54.696, 30.911)

Have a look what the booklet for
CIELCh(24, 54.696, 30.911) contains.

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Color

CIELCh(24, 54.274, 30.965)

Conversions

Conversions Part 1

Format	Color
Hex	790012
RGB	121, 0, 18
RGB Percent	47%, 0%, 7%
CMY	0.5258, 1.0000, 0.9296
CMYK	0.00, 1.00, 0.85, 0.53
HSL	351°, 100%, 24%
HSV	351°, 100%, 47%
XYZ	7.9814, 4.1002, 0.9407
YIQ	38.2310, 66.3380, 31.2500

Conversions

Conversions Part 2

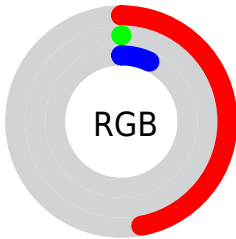
Format	Color
RYB	121, 0, 18
Decimal	7929874
CIELab	24.00, 46.54, 27.92
CIELCh	24, 54.274, 30.965
Yxy	4.1002, 0.6129, 0.3149
Android (android.graphics.Color)	4286119954 (0xFF790012)
YUV	38.2310, -9.9739, 72.5884
Hunter-Lab	20.2490, 34.9225, 11.4200

Details

The CIELCh color **24, 54.274, 30.965** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **45, 33.340, 177.022**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 54.194, 31.233**, and **10, 33.482, 27.273** is the 20% darker color. If you saturate the color by 10%, you get **24, 54.258, 30.984**, and if you desaturate by 10%, it is **25, 49.775, 26.714**.

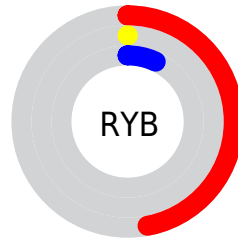
Distribution



Red (47%)

Green (0%)

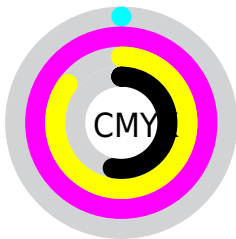
Blue (7%)



Red (47%)

Yellow (0%)

Blue (7%)

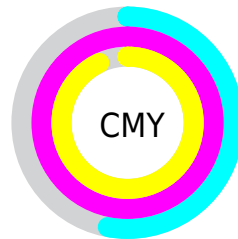


Cyan (0%)

Magenta (100%)

Yellow (85%)

Black (53%)



Cyan (53%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 54.274, 30.965 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 24, 54.274, 30.965 by changing the saturation by 10% instead.

 24, 54.274, 30.965

 24, 54.274, 30.965

 100, 54.274,
30.965

 14, 54.274, 30.965

 44, 54.274, 30.965

 4, 54.274, 30.965

 54, 54.274, 30.965

 0, 54.274, 30.965

 64, 54.274, 30.965

 74, 54.274, 30.965

 84, 54.274, 30.965

 94, 54.274, 30.965

 24, 54.274, 30.965

 24, 54.274, 30.965

■ 24, 54.258, 30.984

■ 25, 49.775, 26.714

■ 26, 45.044, 22.427

■ 28, 39.752, 18.842

■ 31, 34.034, 15.951

■ 34, 28.079, 13.649

■ 37, 22.082, 11.810

■ 40, 16.195, 10.323

■ 43, 10.521, 9.097

■ 47, 5.116, 8.051

Harmonies

Complementary

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



24, 54.274, 30.965



45, 33.340, 177.022

Rectangle

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



24, 54.274, 30.965



24, 54.274, 80.965



24, 54.274, 210.965



24, 54.274, 260.965

Sweetspot

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



24, 54.258, 30.984



52, 20.205, 10.425



24, 67.317, 322.694



25, 13.818, 10.900



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



24, 54.258, 30.984



33, 66.830, 32.398



29, 51.820, 51.017



24, 2.903, 7.959



25, 55.654, 31.182



53, 96.466, 34.066

Inverse Universe

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



24, 54.258, 30.984



33, 66.830, 32.398



32, 30.057, 262.765



24, 2.903, 7.959



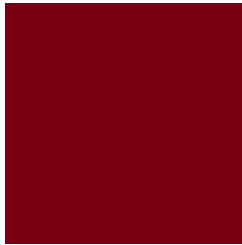
25, 55.654, 31.182



53, 96.466, 34.066

Previews

White Background



This preview shows how the CIE LCh color 24, 54.274, 30.965 looks on a white background.

Color Contrast Check

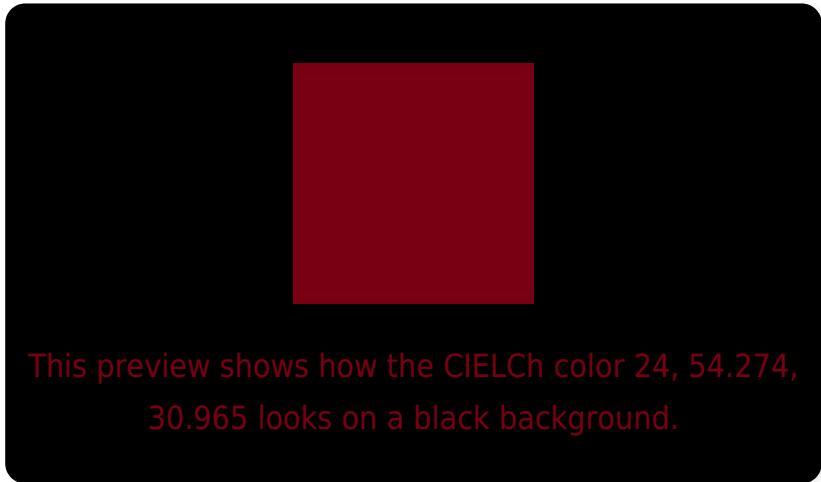
Large Text (above 18pt) WCAG AA ✓ Pass

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 24, 54.274, 30.965

Background



This preview shows how black text looks on a background with the CIELCh color 24, 54.274, 30.965.



This preview shows how white text looks on a background with the CIELCh color 24, 54.274, 30.965.

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

24, 54.274, 30.965

Protanopia

26, 20.765, 95.688

Deuteranopia

26, 34.934, 85.633



Tritanopia
24, 56.800, 39.799

Trichromacy



Original Color
24, 54.274, 30.965

Protanomaly
22, 28.556, 42.870

Deuteranomaly
23, 38.184, 51.268

Tritanomaly
24, 55.635, 36.739

Monochromacy



Original Color
24, 54.274, 30.965

Achromatopsia
15, 0.003, 296.813

Achromatomaly
15, 22.764, 15.101

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 54.274, 30.965 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(121, 0, 18)` looks like.

```
.text, #text, p{  
    color:rgb(121, 0, 18)  
}
```

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(121, 0, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 0, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 54.274, 30.965 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(121, 0, 18) }
```

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

```
.border{ border-color:rgb(121, 0, 18) }
```

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

Here you see how a box with a 4 pixel rgb(121, 0, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 0, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 0, 18);  
box-shadow:4px 4px 4px 4px rgb(121, 0, 18)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 54.274, 30.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 0, 18) }
```

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

```
.background{ background-color: rgb(121, 0,  
18) }
```

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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