

Converting Colors

CIELCh(24, 54.241, 35.768)

Have a look what the booklet for
CIELCh(24, 54.241, 35.768) contains.

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Color

CIELCh(24, 54.439, 35.799)

Conversions

Conversions Part 1

Format	Color
Hex	77080A
RGB	119, 8, 10
RGB Percent	47%, 3%, 4%
CMY	0.5340, 0.9696, 0.9614
CMYK	0.00, 0.93, 0.92, 0.53
HSL	359°, 88%, 25%
HSV	359°, 93%, 47%
XYZ	7.7234, 4.1002, 0.6667
YIQ	41.4170, 65.5140, 24.1540

Conversions

Conversions Part 2

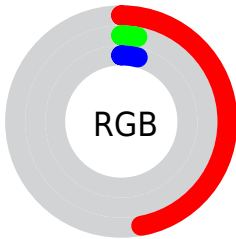
Format	Color
R_{YB}	119, 8, 10
Decimal	7800842
CIE _{Lab}	24.00, 44.15, 31.84
CIE _{LCh}	24, 54.439, 35.799
Yxy	4.1002, 0.6184, 0.3283
Android (android.graphics.Color)	4285990922 (0xFF77080A)
YUV	41.4170, -15.4886, 68.0403
Hunter-Lab	20.2490, 32.6484, 12.2223

Details

The CIELCh color **24, 54.439, 35.799** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **45, 28.377, 193.854**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 54.133, 35.762**, and **9, 32.563, 26.474** is the 20% darker color. If you saturate the color by 10%, you get **23, 57.084, 36.977**, and if you desaturate by 10%, it is **25, 49.443, 32.711**.

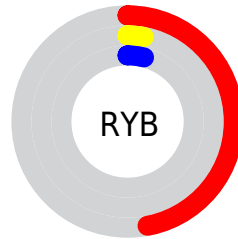
Distribution



Red (47%)

Green (3%)

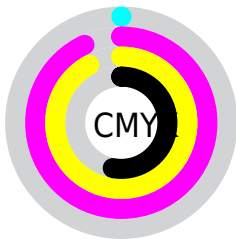
Blue (4%)



Red (47%)

Yellow (3%)

Blue (4%)

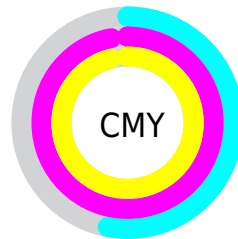


Cyan (0%)

Magenta (93%)

Yellow (92%)

Black (53%)



Cyan (53%)

Magenta (97%)

Yellow (96%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 54.439, 35.799 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, 54.439, 35.799 by changing the saturation by 10% instead.

 24, 54.439, 35.799

 24, 54.439, 35.799

 100, 54.439,
35.799

 14, 54.439, 35.799

 44, 54.439, 35.799

 4, 54.439, 35.799

 54, 54.439, 35.799

 0, 54.439, 35.799

 64, 54.439, 35.799

 74, 54.439, 35.799

 84, 54.439, 35.799

 94, 54.439, 35.799

 24, 54.439, 35.799

 24, 54.439, 35.799

23, 57.084, 36.977

25, 49.443, 32.711

27, 43.404, 29.281

29, 37.024, 26.364

32, 30.550, 24.019

35, 24.172, 22.177

38, 18.031, 20.740

41, 12.213, 19.613

45, 6.760, 18.710

49, 1.679, 17.844

Harmonies

Complementary

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



24, 54.439, 35.799



45, 28.377, 193.854

Rectangle

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



24, 54.439, 35.799



24, 54.439, 85.799



24, 54.439, 215.799



24, 54.439, 265.799

Sweetspot

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



24, 54.437, 35.801



52, 18.503, 20.171



27, 64.219, 326.940



25, 13.031, 20.593



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, 54.437, 35.801



32, 71.161, 38.852



32, 45.494, 60.279



23, 2.750, 18.352



24, 58.519, 37.257



52, 102.244, 39.474

Inverse Universe

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



24, 54.437, 35.801



32, 71.161, 38.852



28, 34.710, 275.958



23, 2.750, 18.352



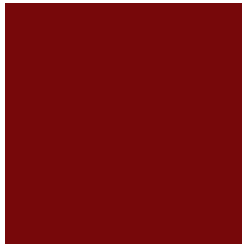
24, 58.519, 37.257



52, 102.244, 39.474

Previews

White Background



This preview shows how the CIE LCh color 24, 54.439, 35.799 looks on a white background.

Color Contrast Check

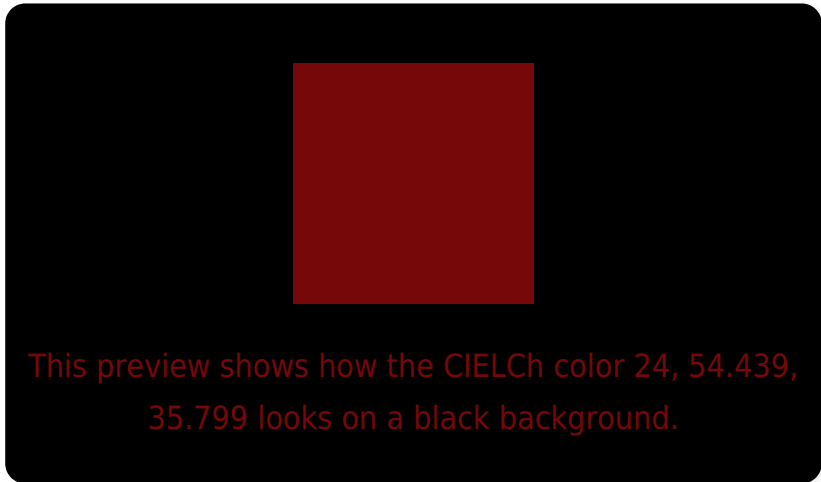
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.439, 35.799

Background



This preview shows how black text looks on a background with the CIELCh color 24, 54.439, 35.799.



This preview shows how white text looks on a background with the CIELCh color 24, 54.439, 35.799.

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, 54.439, 35.799

Protanopia

25, 25.312, 96.313

Deuteranopia

25, 34.495, 85.393



Tritanopia
24, 55.953, 39.719

Trichromacy



Original Color
24, 54.439, 35.799

Protanomaly
22, 31.284, 53.257

Deuteranomaly
23, 38.296, 54.569

Tritanomaly
24, 55.128, 38.187

Monochromacy



Original Color
24, 54.439, 35.799

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 21.104, 23.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 54.439, 35.799 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(119, 8, 10)` looks like.

```
.text, #text, p{  
    color:rgb(119, 8, 10)  
}
```

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(119, 8, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 8, 10) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 54.439, 35.799 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(119, 8, 10) }
```

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

```
.border{ border-color:rgb(119, 8, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 8, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 8, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 8, 10);  
box-shadow:4px 4px 4px 4px rgb(119, 8, 10)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 54.439, 35.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 8, 10) }
```

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

```
.background{ background-color: rgb(119, 8,  
10) }
```

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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