

Converting Colors

CIELCh(25, 60.075, 38.174)

Have a look what the booklet for
CIELCh(25, 60.075, 38.174) contains.

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Color

CIELCh(25, 59.749, 38.029)

Conversions

Conversions Part 1

Format	Color
Hex	7D0101
RGB	125, 1, 1
RGB Percent	49%, 0%, 0%
CMY	0.5087, 0.9943, 0.9950
CMYK	0.00, 0.99, 0.99, 0.51
HSL	0°, 98%, 25%
HSV	0°, 99%, 49%
XYZ	8.5220, 4.4155, 0.4401
YIQ	38.0760, 73.9040, 26.2880

Conversions

Conversions Part 2

Format	Color
RYB	125, 1, 1
Decimal	8192257
CIELab	25.00, 47.06, 36.81
CIELCh	25, 59.749, 38.029
Yxy	4.4155, 0.6370, 0.3301
Android (android.graphics.Color)	4286382337 (0xFF7D0101)
YUV	38.0760, -18.2785, 76.2323
Hunter-Lab	21.0130, 35.6191, 13.4674

Details

The CIELCh color **25, 59.749, 38.029** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **47, 29.476, 196.581**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 59.701, 38.085**, and **10, 34.401, 28.020** is the 20% darker color. If you saturate the color by 10%, you get **25, 60.193, 38.223**, and if you desaturate by 10%, it is **26, 55.341, 35.848**.

Distribution



Red (49%)

Green (0%)

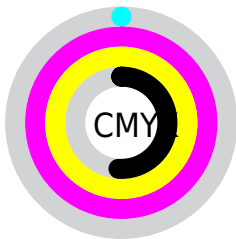
Blue (0%)



Red (49%)

Yellow (0%)

Blue (0%)

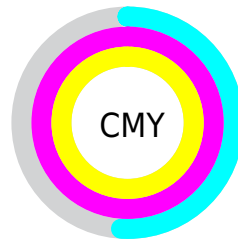


Cyan (0%)

Magenta (99%)

Yellow (99%)

Black (51%)



Cyan (51%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 59.749, 38.029 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 25, 59.749, 38.029 by changing the saturation by 10% instead.

■ 25, 59.749, 38.029

■ 25, 59.749, 38.029

■ 100, 59.749,
38.029

■ 15, 59.749, 38.029

■ 45, 59.749, 38.029

■ 5, 59.749, 38.029

■ 55, 59.749, 38.029

■ 0, 59.749, 38.029

■ 65, 59.749, 38.029

■ 75, 59.749, 38.029

■ 85, 59.749, 38.029

■ 95, 59.749, 38.029

■ 25, 59.749, 38.029

■ 25, 59.749, 38.029

25, 60.193, 38.223

26, 55.341, 35.848

27, 49.368, 32.475

29, 42.738, 29.317

32, 35.880, 26.691

35, 29.042, 24.609

38, 22.404, 22.991

42, 16.085, 21.739

45, 10.151, 20.762

49, 4.623, 19.966

Harmonies

Complementary

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



25, 59.749, 38.029



47, 29.476, 196.581

Rectangle

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



25, 59.749, 38.029



25, 59.749, 88.029



25, 59.749, 218.029



25, 59.749, 268.029

Sweetspot

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



25, 59.747, 38.031



53, 20.806, 21.935



29, 68.024, 328.221



25, 14.296, 22.348



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



25, 59.747, 38.031



34, 74.627, 39.793



34, 49.508, 62.064



25, 2.947, 19.977



25, 61.083, 38.372



0, 0.000, 0.000

Inverse Universe

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



47, 29.476, 196.581



61, 35.823, 196.580



27, 40.856, 282.041



26, 2.790, 199.126



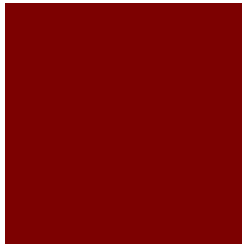
48, 29.925, 196.576



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 25, 59.749, 38.029 looks on a white background.

Color Contrast Check

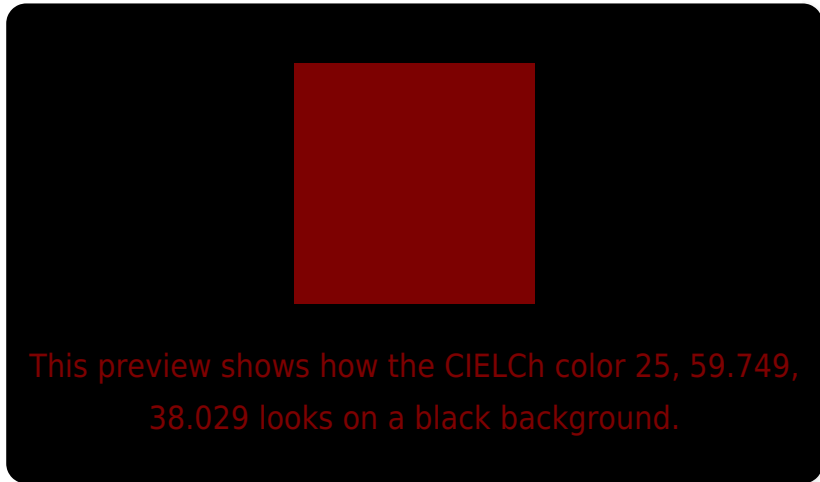
Large Text (above 18pt) WCAG AA ✓ Pass

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 25, 59.749, 38.029

Background



This preview shows how black text looks on a background with the CIELCh color 25, 59.749, 38.029.



This preview shows how white text looks on a background with the CIELCh color 25, 59.749, 38.029.

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

25, 59.749, 38.029

Protanopia

27, 28.900, 95.739

Deuteranopia

27, 35.989, 85.270



Tritanopia
25, 58.362, 40.126

Trichromacy



Original Color
25, 59.749, 38.029

Protanomaly
23, 35.403, 53.984

Deuteranomaly
23, 41.350, 54.750

Tritanomaly
25, 58.798, 39.443

Monochromacy



Original Color
25, 59.749, 38.029

Achromatopsia
15, 0.003, 296.813

Achromatomaly
16, 24.231, 26.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 59.749, 38.029 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, 1, 1)` looks like.

```
.text, #text, p{  
    color:rgb(125, 1, 1)  
}
```

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, 1, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 1, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 59.749, 38.029 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, 1, 1) }
```

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

```
.border{ border-color:rgb(125, 1, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 1, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 1, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(125, 1, 1); box-shadow:4px  
4px 4px 4px rgb(125, 1, 1) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 59.749, 38.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 1, 1) }
```

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

```
.background{ background-color: rgb(125, 1,  
1) }
```

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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