

Converting Colors

CIELCh(25, 59.250, 38.224)

Have a look what the booklet for
CIELCh(25, 59.250, 38.224) contains.

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Color

CIELCh(25, 59.289, 38.042)

Conversions

Conversions Part 1

Format	Color
Hex	7D0302
RGB	125, 3, 2
RGB Percent	49%, 1%, 1%
CMY	0.5103, 0.9889, 0.9927
CMYK	0.00, 0.98, 0.98, 0.51
HSL	0°, 97%, 25%
HSV	0°, 98%, 49%
XYZ	8.4797, 4.4155, 0.4591
YIQ	39.3640, 73.0330, 25.5530

Conversions

Conversions Part 2

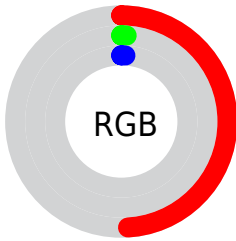
Format	Color
RYB	125, 3, 2
Decimal	8192770
CIELab	25.00, 46.69, 36.54
CIELCh	25, 59.289, 38.042
Yxy	4.4155, 0.6350, 0.3306
Android (android.graphics.Color)	4286382850 (0xFF7D0302)
YUV	39.3640, -18.4205, 75.1028
Hunter-Lab	21.0130, 35.2601, 13.4136

Details

The CIELCh color **25, 59.289, 38.042** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **47, 29.115, 197.539**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 59.164, 38.048**, and **11, 34.861, 28.375** is the 20% darker color. If you saturate the color by 10%, you get **25, 59.935, 38.327**, and if you desaturate by 10%, it is **26, 54.840, 35.844**.

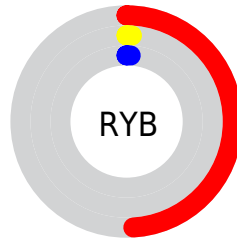
Distribution



Red (49%)

Green (1%)

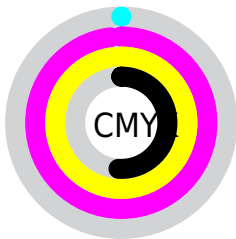
Blue (1%)



Red (49%)

Yellow (1%)

Blue (1%)

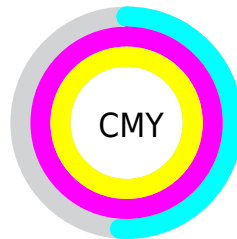


Cyan (0%)

Magenta (98%)

Yellow (98%)

Black (51%)



Cyan (51%)

Magenta (99%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 59.289, 38.042 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, 59.289, 38.042 by changing the saturation by 10% instead.

 25, 59.289, 38.042

 25, 59.289, 38.042

 100, 59.289,
38.042

 15, 59.289, 38.042

 45, 59.289, 38.042

 5, 59.289, 38.042

 55, 59.289, 38.042

 0, 59.289, 38.042

 65, 59.289, 38.042

 75, 59.289, 38.042

 85, 59.289, 38.042

 95, 59.289, 38.042

 25, 59.289, 38.042

 25, 59.289, 38.042

■ 25, 59.935, 38.327

■ 26, 54.840, 35.844

■ 27, 48.788, 32.536

■ 29, 42.137, 29.476

■ 32, 35.292, 26.938

■ 35, 28.493, 24.928

■ 38, 21.910, 23.368

■ 42, 15.657, 22.161

■ 45, 9.792, 21.221

■ 49, 4.331, 20.453

Harmonies

Complementary

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



25, 59.289, 38.042



47, 29.115, 197.539

Rectangle

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



25, 59.289, 38.042



25, 59.289, 88.042



25, 59.289, 218.042



25, 59.289, 268.042

Sweetspot

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



25, 59.287, 38.044



53, 20.682, 22.404



29, 67.751, 328.215



25, 14.212, 22.807



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, 59.287, 38.044



34, 74.538, 39.879



34, 49.150, 62.137



24, 2.829, 20.493



25, 59.966, 38.332



53, 103.689, 40.055

Inverse Universe

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



47, 29.115, 197.539



60, 35.499, 197.571



27, 40.547, 281.843



25, 2.679, 199.689



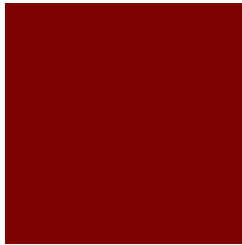
47, 29.232, 197.542



90, 49.179, 197.605

Previews

White Background



This preview shows how the CIELCh color 25, 59.289, 38.042 looks on a white background.

Color Contrast Check

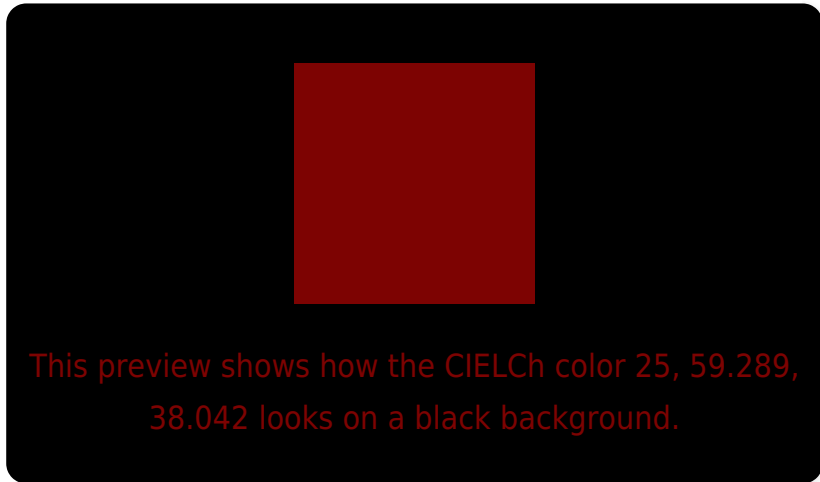
Large Text (above 18pt) WCAG AA ✓ Pass

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, 59.289, 38.042

Background



This preview shows how black text looks on a background with the CIELCh color 25, 59.289, 38.042.



This preview shows how white text looks on a background with the CIELCh color 25, 59.289, 38.042.

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, 59.289, 38.042

Protanopia

27, 28.900, 95.739

Deuteranopia

26, 35.791, 86.090

Trichromacy

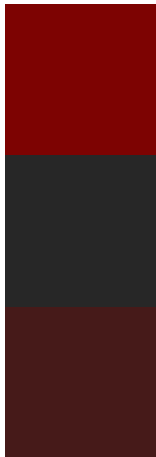


Original Color
25, 59.289, 38.042

Protanomaly
23, 35.403, 53.984

Deuteranomaly
23, 41.043, 54.391

Monochromacy



Original Color
25, 59.289, 38.042

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 23.851, 28.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 59.289, 38.042 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, 3, 2)` looks like.

```
.text, #text, p{  
    color:rgb(125, 3, 2)  
}
```

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, 3, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 3, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 59.289, 38.042 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, 3, 2) }
```

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

```
.border{ border-color:rgb(125, 3, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 3, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 3, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(125, 3, 2); box-shadow:4px  
4px 4px 4px rgb(125, 3, 2) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 59.289, 38.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 3, 2) }
```

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

```
.background{ background-color: rgb(125, 3,  
2) }
```

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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