

Converting Colors

CIELCh(25, 58.445, 38.889)

Have a look what the booklet for
CIELCh(25, 58.445, 38.889) contains.

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Color

CIELCh(25, 58.669, 38.962)

Conversions

Conversions Part 1

Format	Color
Hex	7C0701
RGB	124, 7, 1
RGB Percent	49%, 3%, 0%
CMY	0.5146, 0.9738, 0.9969
CMYK	0.00, 0.95, 0.99, 0.51
HSL	3°, 99%, 24%
HSV	3°, 99%, 49%
XYZ	8.3579, 4.4155, 0.4343
YIQ	41.2990, 71.6580, 22.9380

Conversions

Conversions Part 2

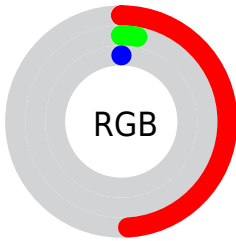
Format	Color
RYB	124, 7, 1
Decimal	8128257
CIELab	25.00, 45.62, 36.89
CIELCh	25, 58.669, 38.962
Yxy	4.4155, 0.6328, 0.3343
Android (android.graphics.Color)	4286318337 (0xFF7C0701)
YUV	41.2990, -19.8674, 72.5288
Hunter-Lab	21.0130, 34.2255, 13.4837

Details

The CIELCh color **25, 58.669, 38.962** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **45, 27.545, 203.986**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 58.803, 38.931**, and **10, 34.401, 28.020** is the 20% darker color. If you saturate the color by 10%, you get **25, 58.936, 39.087**, and if you desaturate by 10%, it is **26, 54.201, 37.060**.

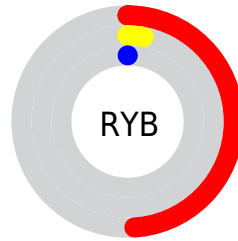
Distribution



Red (49%)

Green (3%)

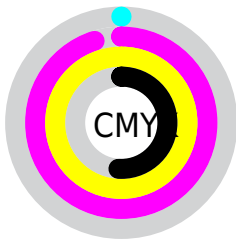
Blue (0%)



Red (49%)

Yellow (3%)

Blue (0%)

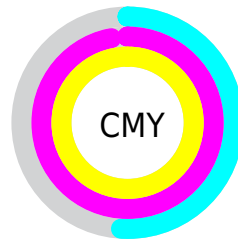


Cyan (0%)

Magenta (95%)

Yellow (99%)

Black (51%)



Cyan (51%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 58.669, 38.962 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, 58.669, 38.962 by changing the saturation by 10% instead.

 25, 58.669, 38.962

 25, 58.669, 38.962

 100, 58.669,
38.962

 15, 58.669, 38.962

 45, 58.669, 38.962

 5, 58.669, 38.962

 55, 58.669, 38.962

 0, 58.669, 38.962

 65, 58.669, 38.962

 75, 58.669, 38.962

 85, 58.669, 38.962

 95, 58.669, 38.962

 25, 58.669, 38.962

 25, 58.669, 38.962

25, 58.936, 39.087

26, 54.201, 37.060

28, 48.087, 34.308

30, 41.409, 31.678

32, 34.618, 29.477

35, 27.945, 27.730

38, 21.538, 26.379

41, 15.485, 25.346

45, 9.827, 24.556

49, 4.572, 23.926

Harmonies

Complementary

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



25, 58.669, 38.962



45, 27.545, 203.986

Rectangle

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



25, 58.669, 38.962



25, 58.669, 88.962



25, 58.669, 218.962



25, 58.669, 268.962

Sweetspot

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



25, 58.667, 38.964



53, 19.680, 25.470



28, 65.848, 329.541



26, 13.709, 25.811



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, 58.667, 38.964



33, 73.075, 40.377



34, 48.750, 64.863



24, 2.721, 23.908



25, 59.408, 39.156



53, 103.203, 40.344

Inverse Universe

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



45, 27.545, 203.986



57, 33.296, 204.216



25, 43.318, 285.319



25, 2.574, 203.355



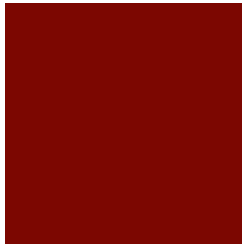
45, 27.766, 204.028



87, 46.601, 204.469

Previews

White Background



This preview shows how the CIELCh color 25, 58.669, 38.962 looks on a white background.

Color Contrast Check

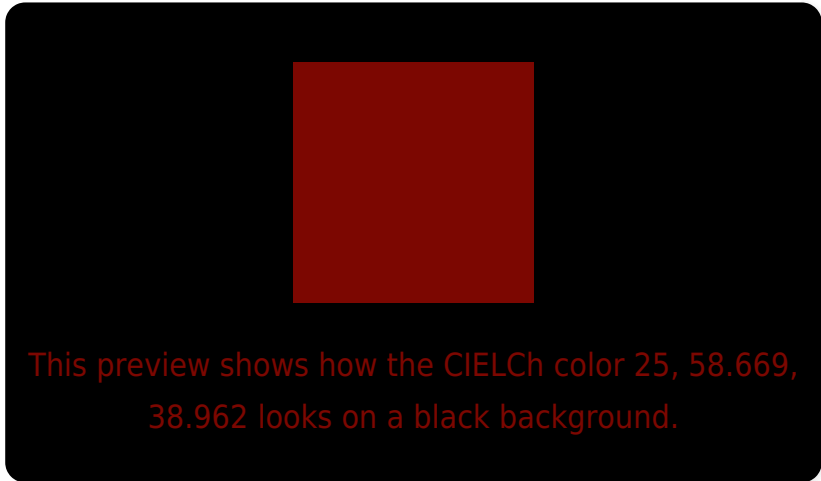
Large Text (above 18pt) WCAG AA ✓ Pass

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, 58.669, 38.962

Background



This preview shows how black text looks on a background with the CIELCh color 25, 58.669, 38.962.



This preview shows how white text looks on a background with the CIELCh color 25, 58.669, 38.962.

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, 58.669, 38.962

Protanopia

26, 28.814, 96.794

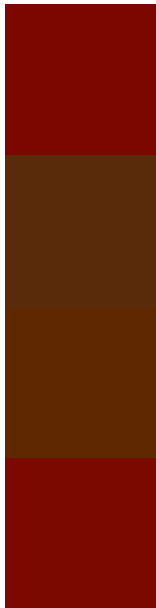
Deuteranopia

26, 35.567, 85.035



Tritanopia
25, 58.059, 39.911

Trichromacy



Original Color
25, 58.669, 38.962

Protanomaly
23, 34.992, 56.875

Deuteranomaly
24, 40.759, 55.904

Tritanomaly
25, 58.276, 39.568

Monochromacy



Original Color
25, 58.669, 38.962

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 23.010, 30.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 58.669, 38.962 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(124, 7, 1)` looks like.

```
.text, #text, p{  
    color:rgb(124, 7, 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(124, 7, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 7, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 58.669, 38.962 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(124, 7, 1) }
```

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

```
.border{ border-color:rgb(124, 7, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 7, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 7, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(124, 7, 1); box-shadow:4px  
4px 4px 4px rgb(124, 7, 1) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 58.669, 38.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 7, 1) }
```

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

```
.background{ background-color: rgb(124, 7,  
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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