

Converting Colors

CIELCh(25, 52.928, 38.607)

Have a look what the booklet for
CIELCh(25, 52.928, 38.607) contains.

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Color

CIELCh(25, 53.108, 38.615)

Conversions

Conversions Part 1

Format	Color
Hex	771309
RGB	119, 19, 9
RGB Percent	47%, 7%, 4%
CMY	0.5331, 0.9251, 0.9644
CMYK	0.00, 0.84, 0.92, 0.53
HSL	5°, 86%, 25%
HSV	5°, 92%, 47%
XYZ	7.9016, 4.4155, 0.6963
YIQ	47.7600, 62.8100, 18.0900

Conversions

Conversions Part 2

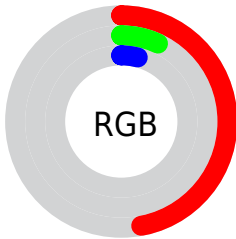
Format	Color
R_{YB}	119, 20, 9
Decimal	7803657
CIE Lab	25.00, 41.50, 33.14
CIE LCh	25, 53.108, 38.615
Yxy	4.4155, 0.6072, 0.3393
Android (android.graphics.Color)	4285993737 (0xFF771309)
YUV	47.7600, -19.1087, 62.4775
Hunter-Lab	21.0130, 30.3491, 12.7444

Details

The CIELCh color **25, 53.108, 38.615** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **42, 25.264, 210.818**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 53.178, 38.691**, and **9, 32.563, 26.474** is the 20% darker color. If you saturate the color by 10%, you get **24, 56.425, 39.733**, and if you desaturate by 10%, it is **26, 47.487, 36.777**.

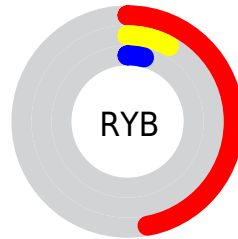
Distribution



Red (47%)

Green (7%)

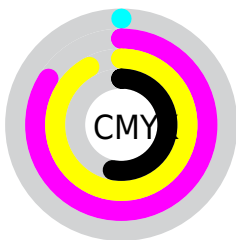
Blue (4%)



Red (47%)

Yellow (8%)

Blue (4%)

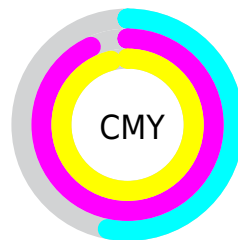


Cyan (0%)

Magenta (84%)

Yellow (92%)

Black (53%)



Cyan (53%)

Magenta (93%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 53.108, 38.615 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, 53.108, 38.615 by changing the saturation by 10% instead.

■ 25, 53.108, 38.615

■ 25, 53.108, 38.615

■ 100, 53.108,
38.615

■ 15, 53.108, 38.615

■ 45, 53.108, 38.615

■ 5, 53.108, 38.615

■ 55, 53.108, 38.615

■ 0, 53.108, 38.615

■ 65, 53.108, 38.615

■ 75, 53.108, 38.615

■ 85, 53.108, 38.615

■ 95, 53.108, 38.615

■ 25, 53.108, 38.615

■ 25, 53.108, 38.615

24, 56.425, 39.733

26, 47.487, 36.777

28, 41.025, 34.583

31, 34.463, 32.695

33, 28.042, 31.184

36, 21.900, 30.021

39, 16.111, 29.149

43, 10.709, 28.505

46, 5.695, 28.022

49, 1.053, 27.416

Harmonies

Complementary

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



25, 53.108, 38.615



42, 25.264, 210.818

Rectangle

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



25, 53.108, 38.615



25, 53.108, 88.615



25, 53.108, 218.615



25, 53.108, 268.615

Sweetspot

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



25, 53.106, 38.617



53, 17.093, 28.889



27, 60.258, 331.412



26, 12.059, 29.141



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



25, 53.106, 38.617



33, 70.604, 40.957



35, 44.211, 70.666



23, 2.524, 27.878



25, 57.792, 39.916



53, 101.667, 40.802

Inverse Universe

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



42, 25.264, 210.818



54, 31.107, 212.183



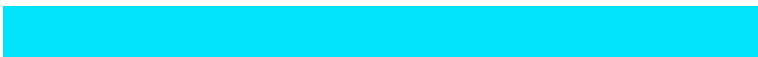
24, 42.565, 286.805



24, 2.388, 207.630



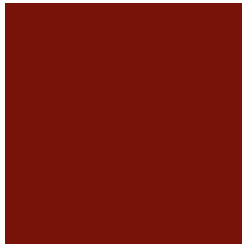
43, 26.183, 211.796



83, 44.207, 212.756

Previews

White Background



This preview shows how the CIELCh color 25, 53.108, 38.615 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



This preview shows how the CIE LCh color 25, 53.108, 38.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

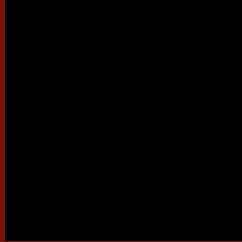
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 25, 53.108, 38.615

Background



This preview shows how black text looks on a background with the CIELCh color 25, 53.108, 38.615.



This preview shows how white text looks on a background with the CIELCh color 25, 53.108, 38.615.

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, 53.108, 38.615

Protanopia

26, 26.843, 96.610

Deuteranopia

26, 35.366, 85.865



Tritanopia
25, 51.171, 34.862

Trichromacy



Original Color
25, 53.108, 38.615

Protanomaly
24, 31.513, 59.358

Deuteranomaly
24, 38.443, 59.199

Tritanomaly
25, 52.036, 36.364

Monochromacy



Original Color
25, 53.108, 38.615

Achromatopsia
20, 0.004, 296.813

Achromatomaly
20, 19.668, 29.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 53.108, 38.615 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, 19, 9)` looks like.

```
.text, #text, p{  
    color:rgb(119, 19, 9)  
}
```

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, 19, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 19, 9) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 53.108, 38.615 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, 19, 9) }
```

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

```
.border{ border-color:rgb(119, 19, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 19, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 19, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 19, 9);  
box-shadow:4px 4px 4px 4px rgb(119, 19, 9)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 53.108, 38.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 19, 9) }
```

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

```
.background{ background-color: rgb(119, 19,  
9) }
```

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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