

Converting Colors

CIELCh(25, 59.362, 37.197)

Have a look what the booklet for
CIELCh(25, 59.362, 37.197) contains.

CIELCh(25, 59.060, 37.076)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	25

Color

CIELCh(25, 59.060, 37.076)

Conversions

Conversions Part 1

Format	Color
Hex	7D0104
RGB	125, 1, 4
RGB Percent	49%, 0%, 2%
CMY	0.5089, 0.9947, 0.9834
CMYK	0.00, 0.99, 0.97, 0.51
HSL	359°, 98%, 25%
HSV	359°, 99%, 49%
XYZ	8.5284, 4.4155, 0.5242
YIQ	38.4180, 72.9410, 27.2210

Conversions

Conversions Part 2

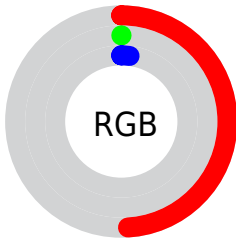
Format	Color
RYB	125, 1, 4
Decimal	8192260
CIELab	25.00, 47.12, 35.61
CIELCh	25, 59.060, 37.076
Yxy	4.4155, 0.6332, 0.3278
Android (android.graphics.Color)	4286382340 (0xFF7D0104)
YUV	38.4180, -16.9681, 75.9324
Hunter-Lab	21.0130, 35.6735, 13.2301

Details

The CIELCh color **25, 59.060, 37.076** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **47, 30.020, 193.035**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 59.105, 37.199**, and **11, 34.861, 28.375** is the 20% darker color. If you saturate the color by 10%, you get **25, 59.517, 37.280**, and if you desaturate by 10%, it is **26, 54.580, 34.604**.

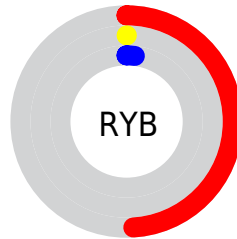
Distribution



Red (49%)

Green (0%)

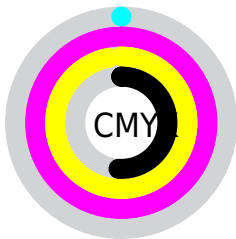
Blue (2%)



Red (49%)

Yellow (0%)

Blue (2%)

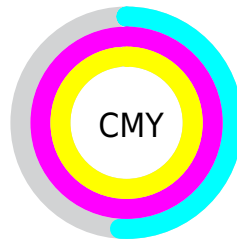


Cyan (0%)

Magenta (99%)

Yellow (97%)

Black (51%)



Cyan (51%)

Magenta (99%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 59.060, 37.076 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, 59.060, 37.076 by changing the saturation by 10% instead.

■ 25, 59.060, 37.076

■ 25, 59.060, 37.076

■ 100, 59.060,
37.076

■ 15, 59.060, 37.076

■ 45, 59.060, 37.076

■ 5, 59.060, 37.076

■ 55, 59.060, 37.076

■ 0, 59.060, 37.076

■ 65, 59.060, 37.076

■ 75, 59.060, 37.076

■ 85, 59.060, 37.076

■ 95, 59.060, 37.076

■ 25, 59.060, 37.076

■ 25, 59.060, 37.076

25, 59.517, 37.280

26, 54.580, 34.604

27, 48.688, 30.957

29, 42.233, 27.682

32, 35.535, 24.982

35, 28.822, 22.842

38, 22.273, 21.169

42, 16.013, 19.862

45, 10.112, 18.829

49, 4.597, 17.977

Harmonies

Complementary

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



25, 59.060, 37.076



47, 30.020, 193.035

Rectangle

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



25, 59.060, 37.076



25, 59.060, 87.076



25, 59.060, 217.076



25, 59.060, 267.076

Sweetspot

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



25, 59.058, 37.078



53, 20.758, 20.075



28, 68.081, 326.959



25, 14.254, 20.507



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, 59.058, 37.078



34, 73.711, 38.837



33, 50.090, 59.390



25, 2.951, 17.993



25, 60.415, 37.433



0, 0.000, 0.000

Inverse Universe

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



25, 59.058, 37.078



34, 73.711, 38.837



28, 38.239, 278.457



25, 2.951, 17.993



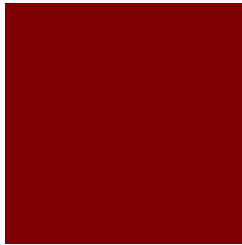
25, 60.415, 37.433



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 25, 59.060, 37.076 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 CIELCh color 25, 59.060, 37.076 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, 59.060, 37.076

Background



This preview shows how black text looks on a background with the CIELCh color 25, 59.060, 37.076.



This preview shows how white text looks on a background with the CIELCh color 25, 59.060, 37.076.

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, 59.060, 37.076

Protanopia

27, 28.421, 95.704

Deuteranopia

27, 35.989, 85.270

Trichromacy



Original Color
25, 59.060, 37.076

Protanomaly
23, 35.075, 53.516

Deuteranomaly
23, 40.737, 54.027

Monochromacy



Original Color
25, 59.060, 37.076

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 24.017, 25.205

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 59.060, 37.076 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, 4)` looks like.

```
.text, #text, p{  
    color:rgb(125, 1, 4)  
}
```

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, 4) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 25, 59.060, 37.076 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, 4) }
```

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

```
.border{ border-color:rgb(125, 1, 4) }
```

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, 4) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 25, 59.060, 37.076 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, 4) }
```

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

```
.background{ background-color: rgb(125, 1,  
4) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor