

Converting Colors

CIELCh(25, 50.395, 18.114)

Have a look what the booklet for
CIELCh(25, 50.395, 18.114) contains.

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Color

CIELCh(25, 50.590, 18.552)

Conversions

Conversions Part 1

Format	Color
Hex	7C0126
RGB	124, 1, 38
RGB Percent	49%, 0%, 15%
CMY	0.5148, 0.9977, 0.8518
CMYK	0.00, 1.00, 0.69, 0.51
HSL	342°, 99%, 24%
HSV	342°, 100%, 49%
XYZ	8.6249, 4.4155, 2.2146
YIQ	41.9950, 61.4310, 37.5830

Conversions

Conversions Part 2

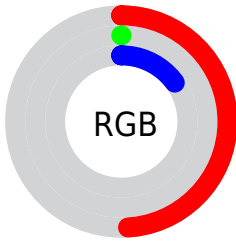
Format	Color
R_{YB}	124, 1, 38
Decimal	8126758
CIE _{Lab}	25.00, 47.96, 16.10
CIE _{LCh}	25, 50.590, 18.552
Yxy	4.4155, 0.5654, 0.2894
Android (android.graphics.Color)	4286316838 (0xFF7C0126)
YUV	41.9950, -1.9695, 71.9184
Hunter-Lab	21.0130, 36.4930, 8.4604

Details

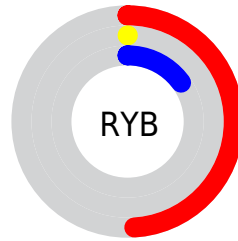
The CIELCh color **25, 50.590, 18.552** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **46, 40.829, 162.578**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 50.369, 18.817**, and **11, 35.320, 28.720** is the 20% darker color. If you saturate the color by 10%, you get **25, 50.746, 18.756**, and if you desaturate by 10%, it is **26, 47.510, 14.035**.

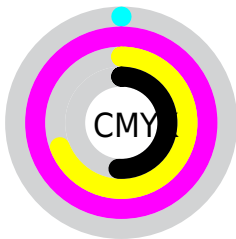
Distribution



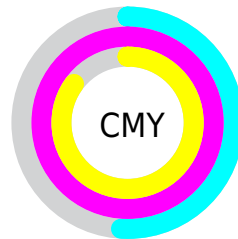
- Red (49%)
- Green (0%)
- Blue (15%)



- Red (49%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 50.590, 18.552 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, 50.590, 18.552 by changing the saturation by 10% instead.

 25, 50.590, 18.552

 25, 50.590, 18.552

 100, 50.590,
18.552

 15, 50.590, 18.552

 45, 50.590, 18.552

 5, 50.590, 18.552

 55, 50.590, 18.552

 0, 50.590, 18.552

 65, 50.590, 18.552

 75, 50.590, 18.552

 85, 50.590, 18.552

 95, 50.590, 18.552

 25, 50.590, 18.552

 25, 50.590, 18.552

25, 50.746, 18.756

26, 47.510, 14.035

27, 43.986, 9.962

29, 39.579, 6.694

32, 34.430, 4.091

35, 28.779, 2.003

38, 22.868, 0.299

41, 16.894,
358.881

45, 10.998,
357.673

48, 5.266, 356.608

Harmonies

Complementary

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



25, 50.590, 18.552



46, 40.829, 162.578

Rectangle

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



25, 50.590, 18.552



25, 50.590, 68.552



25, 50.590, 198.552



25, 50.590, 248.552

Sweetspot

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



25, 50.588, 18.554



53, 21.290, 359.038



22, 69.999, 317.188



26, 14.701, 359.514



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, 50.588, 18.554



33, 61.795, 20.245



26, 56.495, 42.639



24, 3.084, 356.560



25, 51.122, 18.819



53, 87.504, 22.119

Inverse Universe

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



25, 50.588, 18.554



33, 61.795, 20.245



39, 25.484, 230.439



24, 3.084, 356.560



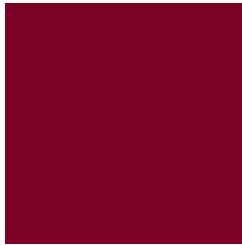
25, 51.122, 18.819



53, 87.504, 22.119

Previews

White Background



This preview shows how the CIELCh color 25, 50.590, 18.552 looks on a white background.

Color Contrast Check

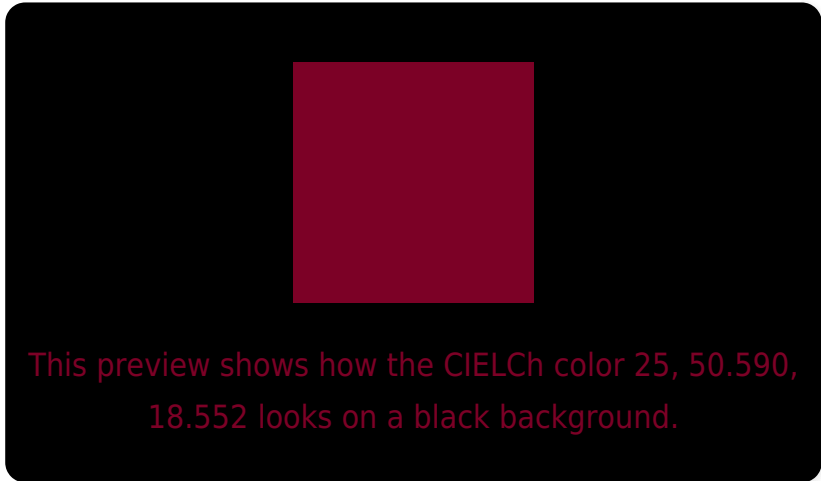
Large Text (above 18pt) WCAG AA ✓ Pass

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, 50.590, 18.552

Background



This preview shows how black text looks on a background with the CIELCh color 25, 50.590, 18.552.



This preview shows how white text looks on a background with the CIELCh color 25, 50.590, 18.552.

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, 50.590, 18.552

Protanopia

27, 4.753, 92.045

Deuteranopia

27, 20.560, 79.005



Tritanopia
26, 54.463, 36.277

Trichromacy



Original Color
25, 50.590, 18.552

Protanomaly
23, 23.161, 10.769

Deuteranomaly
23, 29.981, 31.128

Tritanomaly
25, 52.585, 30.630

Monochromacy



Original Color
25, 50.590, 18.552

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 23.093, 4.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 50.590, 18.552 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, 1, 38)` looks like.

```
.text, #text, p{  
    color:rgb(124, 1, 38)  
}
```

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, 1, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 1, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 50.590, 18.552 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, 1, 38) }
```

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

```
.border{ border-color:rgb(124, 1, 38) }
```

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

Here you see how a box with a 4 pixel rgb(124, 1, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 1, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 1, 38);  
box-shadow:4px 4px 4px 4px rgb(124, 1, 38)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 50.590, 18.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 1, 38) }
```

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

```
.background{ background-color: rgb(124, 1,  
38) }
```

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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