

Converting Colors

CIELCh(25, 52.337, 30.636)

Have a look what the booklet for
CIELCh(25, 52.337, 30.636) contains.

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Color

CIELCh(25, 52.180, 30.502)

Conversions

Conversions Part 1	
Format	Color
Hex	7A0A16
RGB	122, 10, 22
RGB Percent	48%, 4%, 9%
CMY	0.5215, 0.9606, 0.9137
CMYK	0.00, 0.92, 0.82, 0.52
HSL	354°, 85%, 26%
HSV	354°, 92%, 48%
XYZ	8.2837, 4.4155, 1.1756
YIQ	44.8560, 62.9000, 27.4760

Conversions

Conversions Part 2

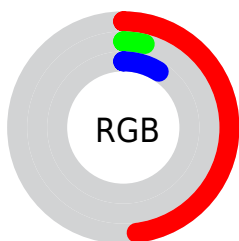
Format	Color
RYB	122, 10, 22
Decimal	7997974
CIELab	25.00, 44.96, 26.48
CIELCh	25, 52.180, 30.502
Yxy	4.4155, 0.5970, 0.3182
Android (android.graphics.Color)	4286188054 (0xFF7A0A16)
YUV	44.8560, -11.2680, 67.6553
Hunter-Lab	21.0130, 33.5952, 11.3919

Details

The CIELCh color **25, 52.180, 30.502** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **46, 31.088, 182.767**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 52.005, 30.675**, and **10, 33.942, 27.653** is the 20% darker color. If you saturate the color by 10%, you get **24, 55.985, 33.495**, and if you desaturate by 10%, it is **26, 47.166, 26.248**.

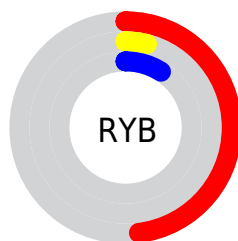
Distribution



Red (48%)

Green (4%)

Blue (9%)



Red (48%)

Yellow (4%)

Blue (9%)

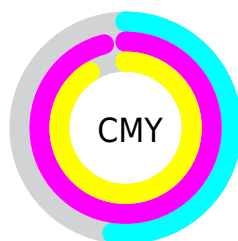


Cyan (0%)

Magenta (92%)

Yellow (82%)

Black (52%)



Cyan (52%)

Magenta (96%)

Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 52.180, 30.502 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, 52.180, 30.502 by changing the saturation by 10% instead.

 25, 52.180, 30.502

 25, 52.180, 30.502

 100, 52.180,
30.502

 15, 52.180, 30.502

 45, 52.180, 30.502

 5, 52.180, 30.502

 55, 52.180, 30.502

 0, 52.180, 30.502

 65, 52.180, 30.502

 75, 52.180, 30.502

 85, 52.180, 30.502

 95, 52.180, 30.502

 25, 52.180, 30.502

 25, 52.180, 30.502

24, 55.985, 33.495

26, 47.166, 26.248

28, 41.602, 22.572

30, 35.647, 19.571

33, 29.490, 17.178

36, 23.324, 15.280

40, 17.299, 13.762

43, 11.519, 12.531

47, 6.039, 11.501

51, 0.877, 10.306

Harmonies

Complementary

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



25, 52.180, 30.502



46, 31.088, 182.767

Rectangle

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



25, 52.180, 30.502



25, 52.180, 80.502



25, 52.180, 210.502



25, 52.180, 260.502

Sweetspot

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



25, 52.178, 30.504



53, 18.693, 13.356



26, 65.306, 323.993



25, 12.959, 13.822



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, 52.178, 30.504



33, 68.642, 34.915



31, 47.167, 53.983



24, 2.876, 11.244



25, 57.063, 33.684



53, 99.017, 36.360

Inverse Universe

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



25, 52.178, 30.504



33, 68.642, 34.915



32, 30.047, 264.375



24, 2.876, 11.244



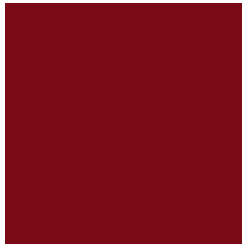
25, 57.063, 33.684



53, 99.017, 36.360

Previews

White Background



This preview shows how the CIE LCh color 25, 52.180, 30.502 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, 52.180, 30.502 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, 52.180, 30.502

Background



This preview shows how black text looks on a background with the CIELCh color 25, 52.180, 30.502.



This preview shows how white text looks on a background with the CIELCh color 25, 52.180, 30.502.

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, 52.180, 30.502

Protanopia

26, 18.231, 96.661

Deuteranopia

26, 30.997, 84.398



Tritanopia
25, 55.285, 37.283

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIElCh 25, 52.180, 30.502 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(122, 10, 22)` looks like.

```
.text, #text, p{  
    color:rgb(122, 10, 22)  
}
```

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(122, 10, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 10, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 52.180, 30.502 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(122, 10, 22) }
```

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

```
.border{ border-color:rgb(122, 10, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 10, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 10, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 10, 22);  
box-shadow:4px 4px 4px 4px rgb(122, 10,  
22) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 52.180, 30.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 10, 22) }
```

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

```
.background{ background-color: rgb(122, 10,  
22) }
```

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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