

Converting Colors

CIELCh(25, 52.973, 37.147)

Have a look what the booklet for
CIELCh(25, 52.973, 37.147) contains.

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Color

CIELCh(25, 53.152, 37.005)

Conversions

Conversions Part 1

Format	Color
Hex	78110C
RGB	120, 17, 12
RGB Percent	47%, 7%, 5%
CMY	0.5296, 0.9335, 0.9531
CMYK	0.00, 0.86, 0.90, 0.53
HSL	3°, 82%, 26%
HSV	3°, 90%, 47%
XYZ	8.0052, 4.4155, 0.7769
YIQ	47.2270, 62.9930, 20.2810

Conversions

Conversions Part 2

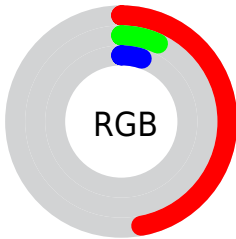
Format	Color
R_{YB}	120, 17, 12
Decimal	7868684
CIE Lab	25.00, 42.45, 31.99
CIE LCh	25, 53.152, 37.005
Yxy	4.4155, 0.6066, 0.3346
Android (android.graphics.Color)	4286058764 (0xFF78110C)
YUV	47.2270, -17.3669, 63.8219
Hunter-Lab	21.0130, 31.2295, 12.5171

Details

The CIELCh color **25, 53.152, 37.005** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **44, 26.427, 203.195**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 53.266, 37.132**, and **9, 33.023, 26.881** is the 20% darker color. If you saturate the color by 10%, you get **24, 57.393, 38.807**, and if you desaturate by 10%, it is **26, 47.309, 34.357**.

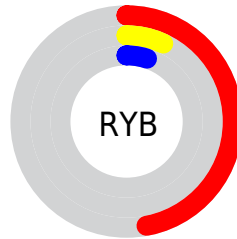
Distribution



Red (47%)

Green (7%)

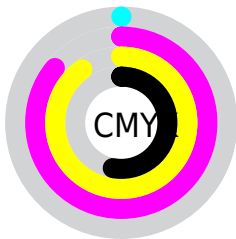
Blue (5%)



Red (47%)

Yellow (7%)

Blue (5%)

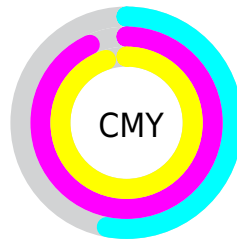


Cyan (0%)

Magenta (86%)

Yellow (90%)

Black (53%)



Cyan (53%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 53.152, 37.005 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, 53.152, 37.005 by changing the saturation by 10% instead.

■ 25, 53.152, 37.005

■ 25, 53.152, 37.005

■ 100, 53.152,
37.005

■ 15, 53.152, 37.005

■ 45, 53.152, 37.005

■ 5, 53.152, 37.005

■ 55, 53.152, 37.005

■ 0, 53.152, 37.005

■ 65, 53.152, 37.005

■ 75, 53.152, 37.005

■ 85, 53.152, 37.005

■ 95, 53.152, 37.005

■ 25, 53.152, 37.005

■ 25, 53.152, 37.005

24, 57.393, 38.807

26, 47.309, 34.357

28, 40.815, 31.701

31, 34.196, 29.471

34, 27.680, 27.696

37, 21.414, 26.321

40, 15.488, 25.267

43, 9.943, 24.460

47, 4.790, 23.820

50, 0.015, 357.932

Harmonies

Complementary

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



25, 53.152, 37.005



44, 26.427, 203.195

Rectangle

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



25, 53.152, 37.005



25, 53.152, 87.005



25, 53.152, 217.005



25, 53.152, 267.005

Sweetspot

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



25, 53.150, 37.007



53, 17.073, 25.057



28, 62.308, 329.332



26, 11.712, 25.297



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, 53.150, 37.007



32, 71.240, 40.266



35, 43.762, 66.677



24, 2.725, 23.763



25, 59.430, 39.122



53, 103.224, 40.331

Inverse Universe

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



44, 26.427, 203.195



56, 32.585, 203.908



26, 38.121, 281.516



25, 2.578, 203.200



45, 27.820, 203.749



87, 46.695, 204.173

Previews

White Background



This preview shows how the CIELCh color 25, 53.152, 37.005 looks on a white background.

Color Contrast Check

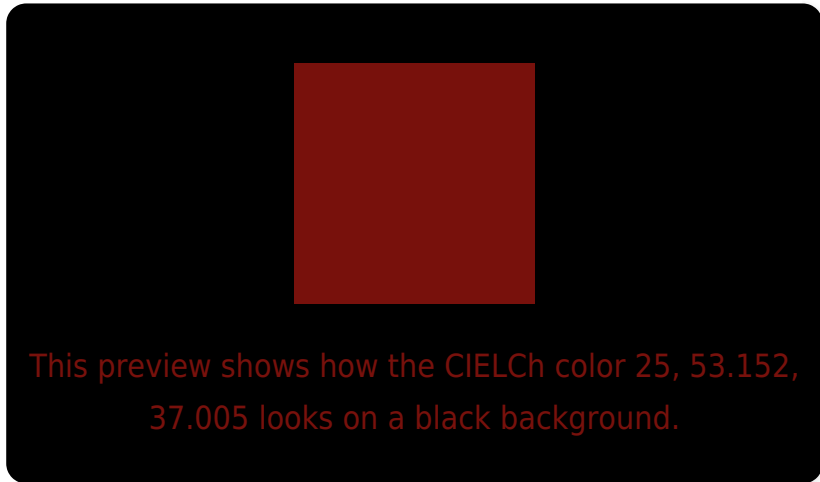
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53.152, 37.005

Background



This preview shows how black text looks on a background with the CIELCh color 25, 53.152, 37.005.



This preview shows how white text looks on a background with the CIELCh color 25, 53.152, 37.005.

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, 53.152, 37.005

Protanopia

26, 25.262, 96.482

Tritanopia

25, 52.350, 35.685

Trichromacy

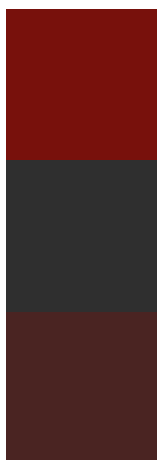


Original Color
25, 53.152, 37.005

Protanomaly
24, 30.663, 57.008

Tritanomaly
25, 52.628, 36.152

Monochromacy



Original Color
25, 53.152, 37.005

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 20.053, 28.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 53.152, 37.005 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(120, 17, 12)` looks like.

```
.text, #text, p{  
  color:rgb(120, 17, 12)  
}
```

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(120, 17, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 17, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 53.152, 37.005 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(120, 17, 12) }
```

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

```
.border{ border-color:rgb(120, 17, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 17, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 17, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 17, 12);  
box-shadow:4px 4px 4px 4px rgb(120, 17,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 53.152, 37.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 17, 12) }
```

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

```
.background{ background-color: rgb(120, 17,  
12) }
```

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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