

Converting Colors

CIELCh(25, 53.344, 25.032)

Have a look what the booklet for
CIELCh(25, 53.344, 25.032) contains.

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Color

CIELCh(25, 53.138, 25.529)

Conversions

Conversions Part 1

Format	Color
Hex	7D001C
RGB	125, 0, 28
RGB Percent	49%, 0%, 11%
CMY	0.5108, 1.0000, 0.8909
CMYK	0.00, 1.00, 0.78, 0.51
HSL	347°, 100%, 24%
HSV	347°, 100%, 49%
XYZ	8.6236, 4.4155, 1.4854
YIQ	40.5670, 65.5120, 35.2080

Conversions

Conversions Part 2

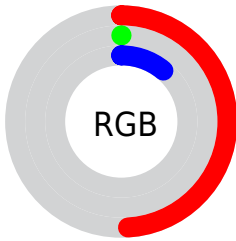
Format	Color
R_{YB}	125, 0, 28
Decimal	8192028
CIE _{Lab}	25.00, 47.95, 22.90
CIE _{LCh}	25, 53.138, 25.529
Yxy	4.4155, 0.5937, 0.3040
Android (android.graphics.Color)	4286382108 (0xFF7D001C)
YUV	40.5670, -6.1955, 74.0477
Hunter-Lab	21.0130, 36.4821, 10.5179

Details

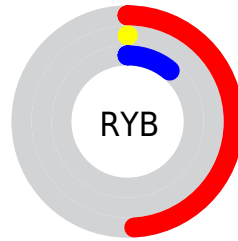
The CIELCh color **25, 53.138, 25.529** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **46, 37.353, 169.282**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 53.190, 25.570**, and **11, 35.320, 28.720** is the 20% darker color. If you saturate the color by 10%, you get **25, 53.083, 25.592**, and if you desaturate by 10%, it is **26, 49.206, 20.995**.

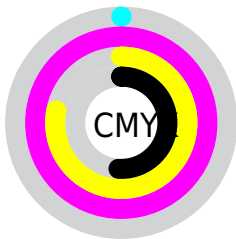
Distribution



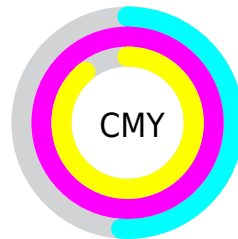
- Red (49%)
- Green (0%)
- Blue (11%)



- Red (49%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 53.138, 25.529 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, 53.138, 25.529 by changing the saturation by 10% instead.

■ 25, 53.138, 25.529

■ 25, 53.138, 25.529

■ 100, 53.138,
25.529

■ 15, 53.138, 25.529

■ 45, 53.138, 25.529

■ 5, 53.138, 25.529

■ 55, 53.138, 25.529

■ 0, 53.138, 25.529

■ 65, 53.138, 25.529

■ 75, 53.138, 25.529

■ 85, 53.138, 25.529

■ 95, 53.138, 25.529

■ 25, 53.138, 25.529

■ 25, 53.138, 25.529

25, 53.083, 25.592

26, 49.206, 20.995

27, 45.046, 16.652

29, 40.174, 13.105

32, 34.707, 10.269

35, 28.858, 8.006

38, 22.847, 6.183

41, 16.856, 4.688

45, 11.008, 3.436

49, 5.378, 2.351

Harmonies

Complementary

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



25, 53.138, 25.529



46, 37.353, 169.282

Rectangle

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



25, 53.138, 25.529



25, 53.138, 75.529



25, 53.138, 205.529



25, 53.138, 255.529

Sweetspot

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



25, 53.083, 25.592



53, 21.028, 4.788



23, 69.618, 319.814



25, 14.361, 5.278



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, 53.083, 25.592



34, 65.278, 27.097



28, 55.246, 46.307



24, 2.975, 2.252



25, 53.150, 25.603



53, 91.743, 28.840

Inverse Universe

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



25, 53.083, 25.592



34, 65.278, 27.097



36, 27.187, 247.873



24, 2.975, 2.252



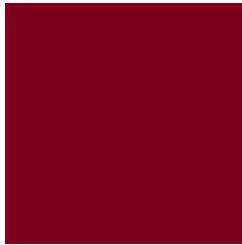
25, 53.150, 25.603



53, 91.743, 28.840

Previews

White Background



This preview shows how the CIELCh color 25, 53.138, 25.529 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, 53.138, 25.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

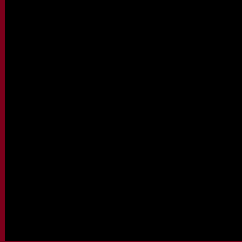
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 53.138, 25.529

Background



This preview shows how black text looks on a background with the CIELCh color 25, 53.138, 25.529.



This preview shows how white text looks on a background with the CIELCh color 25, 53.138, 25.529.

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, 53.138, 25.529

Protanopia

27, 13.886, 94.880

Deuteranopia

27, 27.280, 82.816



Tritanopia
25, 57.167, 38.526

Trichromacy



Original Color
25, 53.138, 25.529

Protanomaly
23, 25.550, 29.507

Deuteranomaly
23, 33.977, 41.819

Tritanomaly
25, 55.781, 35.054

Monochromacy



Original Color
25, 53.138, 25.529

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 23.529, 9.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 53.138, 25.529 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, 0, 28)` looks like.

```
.text, #text, p{  
    color:rgb(125, 0, 28)  
}
```

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, 0, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 0, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 53.138, 25.529 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, 0, 28) }
```

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

```
.border{ border-color:rgb(125, 0, 28) }
```

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

Here you see how a box with a 4 pixel rgb(125, 0, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 0, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 0, 28);  
box-shadow:4px 4px 4px 4px rgb(125, 0, 28)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 53.138, 25.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 0, 28) }
```

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

```
.background{ background-color: rgb(125, 0,  
28) }
```

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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