

Converting Colors

CIELCh(25, 10.191, 30.298)

Have a look what the booklet for
CIELCh(25, 10.191, 30.298) contains.

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Color

CIELCh(25, 10.311, 28.543)

Conversions

Conversions Part 1

Format	Color
Hex	4B3634
RGB	75, 54, 52
RGB Percent	29%, 21%, 20%
CMY	0.7049, 0.7873, 0.7952
CMYK	0.00, 0.28, 0.31, 0.70
HSL	5°, 18%, 25%
HSV	5°, 31%, 30%
XYZ	4.8757, 4.4155, 3.8709
YIQ	60.0510, 13.1580, 3.8300

Conversions

Conversions Part 2

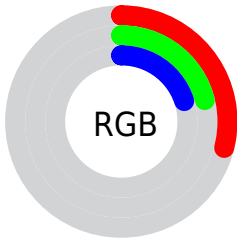
Format	Color
R_YB	75, 54, 52
Decimal	4929076
CIE Lab	25.00, 9.06, 4.93
CIE LCh	25, 10.311, 28.543
Yxy	4.4155, 0.3704, 0.3355
Android (android.graphics.Color)	4283119156 (0xFF4B3634)
YUV	60.0510, -3.9691, 13.1103
Hunter-Lab	21.0130, 4.6451, 3.7871

Details

The CIELCh color **25, 10.311, 28.543** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30, 8.501, 206.942**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 10.112, 30.675**, and **5, 10.524, 28.216** is the 20% darker color. If you saturate the color by 10%, you get **23, 14.184, 29.302**, and if you desaturate by 10%, it is **27, 6.688, 27.982**.

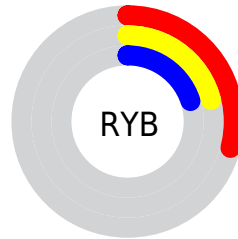
Distribution



Red (29%)

Green (21%)

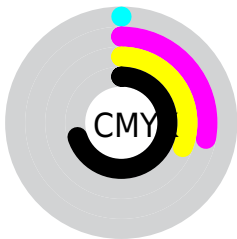
Blue (20%)



Red (29%)

Yellow (21%)

Blue (20%)

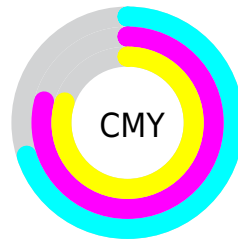


Cyan (0%)

Magenta (28%)

Yellow (31%)

Black (70%)



Cyan (70%)

Magenta (79%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 10.311, 28.543 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, 10.311, 28.543 by changing the saturation by 10% instead.

■ 25, 10.311, 28.543

■ 25, 10.311, 28.543

■ 100, 10.311,
28.543

■ 15, 10.311, 28.543

■ 45, 10.311, 28.543

■ 5, 10.311, 28.543

■ 55, 10.311, 28.543

■ 0, 10.311, 28.543

■ 65, 10.311, 28.543

■ 75, 10.311, 28.543

■ 85, 10.311, 28.543

■ 95, 10.311, 28.543

■ 25, 10.311, 28.543

■ 25, 10.311, 28.543

23, 14.184, 29.302

27, 6.688, 27.982

21, 18.296, 30.292

30, 3.315, 27.538

19, 22.613, 31.573

32, 0.179, 25.788

17, 27.070, 33.188

34, 2.739, 207.243

16, 31.240, 34.286

37, 5.457, 207.069

14, 34.493, 34.139

39, 7.996, 206.982

14, 37.150, 34.450

41, 10.375,
206.945

44, 12.613,
206.942

46, 14.725,
206.966

Harmonies

Complementary

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



25, 10.311, 28.543



30, 8.501, 206.942

Rectangle

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



25, 10.311, 28.543



25, 10.311, 78.543



25, 10.311, 208.543



25, 10.311, 258.543

Sweetspot

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



25, 10.310, 28.549



39, 3.457, 27.484



25, 17.004, 328.347



18, 2.377, 27.518



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25, 10.310, 28.549



31, 15.814, 29.114



28, 9.839, 80.287



14, 1.758, 27.456



20, 49.240, 38.350



49, 95.325, 40.806

Inverse Universe

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



30, 8.501, 206.942



38, 12.324, 206.957



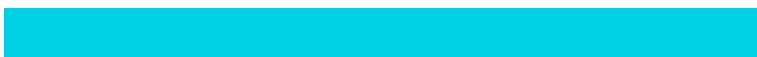
26, 9.474, 268.161



15, 1.672, 207.244



36, 23.117, 210.709



77, 41.611, 211.865

Previews

White Background



This preview shows how the CIE LCh color 25, 10.311, 28.543 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, 10.311, 28.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

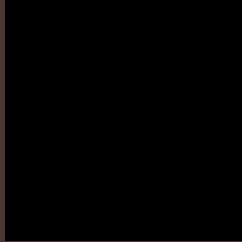
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 10.311, 28.543

Background



This preview shows how black text looks on a background with the CIELCh color 25, 10.311, 28.543.

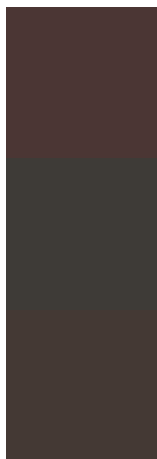


This preview shows how white text looks on a background with the CIELCh color 25, 10.311, 28.543.

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, 10.311, 28.543

Protanopia

25, 2.969, 81.452

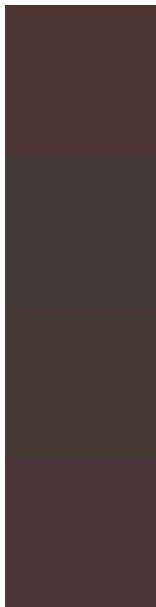
Deuteranopia

25, 6.252, 51.669



Tritanopia
25, 11.245, 4.898

Trichromacy



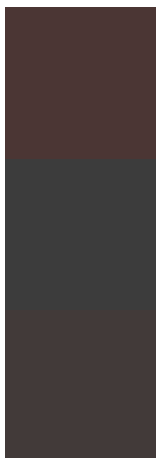
Original Color
25, 10.311, 28.543

Protanomaly
25, 5.152, 42.538

Deuteranomaly
25, 7.747, 40.271

Tritanomaly
25, 11.070, 11.508

Monochromacy



Original Color
25, 10.311, 28.543

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 3.787, 29.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 10.311, 28.543 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(75, 54, 52)` looks like.

```
.text, #text, p{  
    color:rgb(75, 54, 52)  
}
```

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(75, 54, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 54, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 10.311, 28.543 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(75, 54, 52) }
```

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

```
.border{ border-color:rgb(75, 54, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 54, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 54, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 54, 52);  
box-shadow:4px 4px 4px 4px rgb(75, 54, 52)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 10.311, 28.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 54, 52) }
```

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

```
.background{ background-color: rgb(75, 54,  
52) }
```

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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