

Converting Colors

CIELCh(25, 39.538, 14.755)

Have a look what the booklet for
CIELCh(25, 39.538, 14.755) contains.

CIELCh(25, 39.538, 14.755)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(25, 39.538, 14.755)

Conversions

Conversions Part 1

Format	Color
Hex	701B2E
RGB	112, 27, 46
RGB Percent	44%, 11%, 18%
CMY	0.5611, 0.8944, 0.8199
CMYK	0.00, 0.76, 0.59, 0.56
HSL	347°, 61%, 27%
HSV	347°, 76%, 44%
XYZ	7.5525, 4.4155, 3.0319
YIQ	54.5810, 44.5610, 23.9290

Conversions

Conversions Part 2

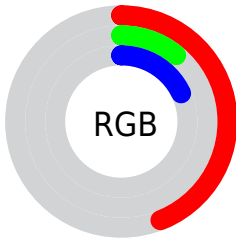
Format	Color
R_{YB}	112, 27, 46
Decimal	7346990
CIE Lab	25.00, 38.23, 10.07
CIE LCh	25, 39.538, 14.755
Yxy	4.4155, 0.5035, 0.2944
Android (android.graphics.Color)	4285537070 (0xFF701B2E)
YUV	54.5810, -4.2304, 50.3565
Hunter-Lab	21.0130, 27.3837, 6.1544

Details

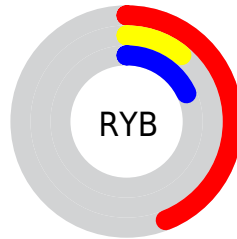
The CIELCh color **25, 39.538, 14.755** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **42, 29.814, 173.301**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 39.587, 14.231**, and **8, 31.185, 25.168** is the 20% darker color. If you saturate the color by 10%, you get **23, 43.666, 18.654**, and if you desaturate by 10%, it is **27, 34.797, 11.610**.

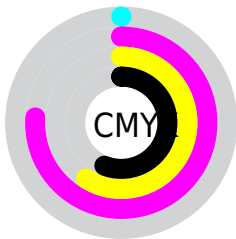
Distribution



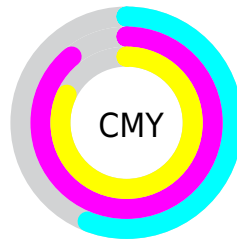
- Red (44%)
- Green (11%)
- Blue (18%)



- Red (44%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (76%)
- Yellow (59%)
- Black (56%)



- Cyan (56%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 39.538, 14.755 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, 39.538, 14.755 by changing the saturation by 10% instead.

■ 25, 39.538, 14.755

■ 25, 39.538, 14.755

■ 100, 39.538,
14.755

■ 15, 39.538, 14.755

■ 45, 39.538, 14.755

■ 5, 39.538, 14.755

■ 55, 39.538, 14.755

■ 0, 39.538, 14.755

■ 65, 39.538, 14.755

■ 75, 39.538, 14.755

■ 85, 39.538, 14.755

■ 95, 39.538, 14.755

■ 25, 39.538, 14.755

■ 25, 39.538, 14.755

23, 43.666, 18.654

27, 34.797, 11.610

22, 47.290, 23.142

29, 29.606, 9.095

22, 48.855, 24.815

32, 24.165, 7.075

35, 18.658, 5.432

38, 13.224, 4.069

42, 7.954, 2.913

45, 2.898, 1.866

49, 1.922, 181.304

52, 6.502, 180.439

Harmonies

Complementary

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



25, 39.538, 14.755



42, 29.814, 173.301

Rectangle

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



25, 39.538, 14.755



25, 39.538, 64.755



25, 39.538, 194.755



25, 39.538, 244.755

Sweetspot

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



25, 39.536, 14.757



51, 14.454, 3.783



24, 55.176, 320.318



25, 10.142, 4.137



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



25, 39.536, 14.757



31, 55.919, 22.061



29, 37.443, 46.233



22, 2.766, 2.188



24, 51.467, 25.281



52, 90.247, 28.723

Inverse Universe

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



25, 39.536, 14.757



31, 55.919, 22.061



35, 21.798, 238.562



22, 2.766, 2.188



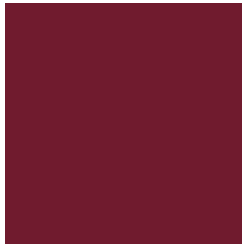
24, 51.467, 25.281



52, 90.247, 28.723

Previews

White Background



This preview shows how the CIE LCh color 25, 39.538, 14.755 looks on a white background.

Color Contrast Check

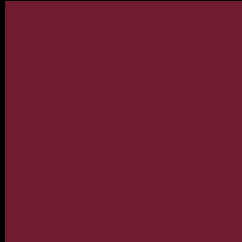
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.538, 14.755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

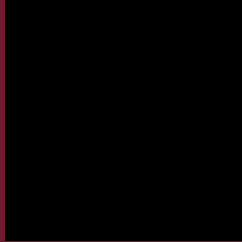
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 39.538, 14.755

Background



This preview shows how black text looks on a background with the CIELCh color 25, 39.538, 14.755.



This preview shows how white text looks on a background with the CIELCh color 25, 39.538, 14.755.

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, 39.538, 14.755

Protanopia

26, 0.802, 324.379

Deuteranopia

26, 13.059, 72.324



Tritanopia
25, 40.857, 29.370

Trichromacy



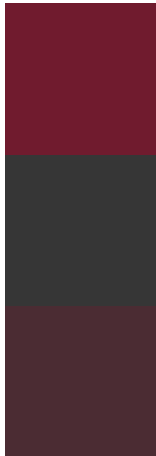
Original Color
25, 39.538, 14.755

Protanomaly
24, 15.278, 5.449

Deuteranomaly
24, 20.643, 30.702

Tritanomaly
25, 39.969, 24.602

Monochromacy



Original Color
25, 39.538, 14.755

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 15.493, 5.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 39.538, 14.755 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(112, 27, 46)` looks like.

```
.text, #text, p{  
    color:rgb(112, 27, 46)  
}
```

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(112, 27, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 27, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 39.538, 14.755 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(112, 27, 46) }
```

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

```
.border{ border-color:rgb(112, 27, 46) }
```

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

Here you see how a box with a 4 pixel rgb(112, 27, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 27, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 27, 46);  
box-shadow:4px 4px 4px 4px rgb(112, 27,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 39.538, 14.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 27, 46) }
```

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

```
.background{ background-color: rgb(112, 27,  
46) }
```

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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