

Converting Colors

CIELCh(26, 37.747, 6.501)

Have a look what the booklet for
CIELCh(26, 37.747, 6.501) contains.

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Color

CIELCh(26, 37.799, 5.815)

Conversions

Conversions Part 1

Format	Color
Hex	701F39
RGB	112, 31, 57
RGB Percent	44%, 12%, 22%
CMY	0.5600, 0.8776, 0.7758
CMYK	0.00, 0.72, 0.49, 0.56
HSL	341°, 56%, 28%
HSV	341°, 72%, 44%
XYZ	7.9471, 4.7465, 4.3908
YIQ	58.1830, 39.9300, 25.2580

Conversions

Conversions Part 2

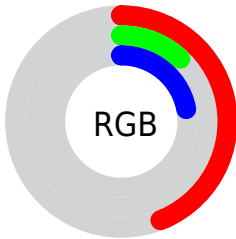
Format	Color
R_{YB}	112, 31, 57
Decimal	7348025
CIE Lab	26.00, 37.60, 3.83
CIE LCh	26, 37.799, 5.815
Yxy	4.7465, 0.4652, 0.2778
Android (android.graphics.Color)	4285538105 (0xFF701F39)
YUV	58.1830, -0.5832, 47.1975
Hunter-Lab	21.7865, 26.9859, 3.3014

Details

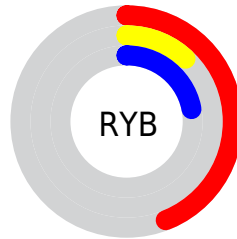
The CIELCh color **26, 37.799, 5.815** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **42, 31.764, 166.311**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 37.486, 5.767**, and **9, 30.382, 15.609** is the 20% darker color. If you saturate the color by 10%, you get **24, 41.628, 9.114**, and if you desaturate by 10%, it is **28, 33.221, 3.185**.

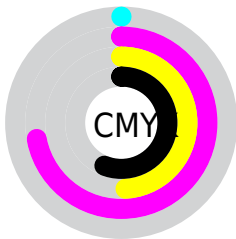
Distribution



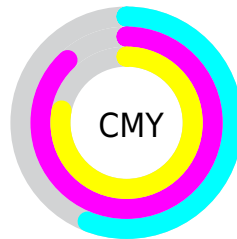
- Red (44%)
- Green (12%)
- Blue (22%)



- Red (44%)
- Yellow (12%)
- Blue (22%)



- Cyan (0%)
- Magenta (72%)
- Yellow (49%)
- Black (56%)



- Cyan (56%)
- Magenta (88%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 37.799, 5.815 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 26, 37.799, 5.815 by changing the saturation by 10% instead.

 26, 37.799, 5.815  26, 37.799, 5.815

 100, 37.799, 5.815  16, 37.799, 5.815

 46, 37.799, 5.815  6, 37.799, 5.815

 56, 37.799, 5.815  0, 37.799, 5.815

 66, 37.799, 5.815

 76, 37.799, 5.815

 86, 37.799, 5.815

 96, 37.799, 5.815

 26, 37.799, 5.815  26, 37.799, 5.815

 24, 41.628, 9.114  28, 33.221, 3.185

23, 44.614, 13.204

31, 28.111, 1.071

22, 46.894, 16.460

34, 22.696,
359.345

37, 17.171,
357.908

40, 11.676,
356.684

43, 6.305, 355.613

47, 1.112, 354.466

50, 3.879, 174.006

54, 8.660, 173.230

Harmonies

Complementary

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



26, 37.799, 5.815



42, 31.764, 166.311

Rectangle

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



26, 37.799, 5.815



26, 37.799, 55.815



26, 37.799, 185.815



26, 37.799, 235.815

Sweetspot

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



26, 37.797, 5.817



51, 14.324, 356.728



24, 53.168, 317.229



25, 9.729, 356.962



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



26, 37.797, 5.817



31, 52.807, 11.926



28, 37.225, 38.985



22, 2.893, 355.290



24, 49.230, 16.898



52, 85.360, 20.371

Inverse Universe

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



26, 37.797, 5.817



31, 52.807, 11.926



38, 21.157, 220.568



22, 2.893, 355.290



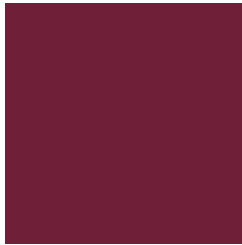
24, 49.230, 16.898



52, 85.360, 20.371

Previews

White Background



This preview shows how the CIE LCh color 26, 37.799, 5.815 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 26, 37.799, 5.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

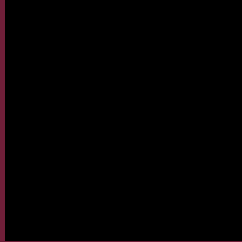
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 37.799, 5.815

Background



This preview shows how black text looks on a background with the CIELCh color 26, 37.799, 5.815.



This preview shows how white text looks on a background with the CIELCh color 26, 37.799, 5.815.

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

26, 37.799, 5.815

Protanopia

27, 7.846, 288.705

Deuteranopia

27, 7.461, 63.877



Tritanopia
26, 37.339, 26.794

Trichromacy



Original Color
26, 37.799, 5.815

Protanomaly
25, 16.911, 342.076

Deuteranomaly
26, 17.925, 12.967

Tritanomaly
26, 36.787, 18.861

Monochromacy



Original Color
26, 37.799, 5.815

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 15.339, 357.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 37.799, 5.815 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, 31, 57)` looks like.

```
.text, #text, p{  
    color:rgb(112, 31, 57)  
}
```

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, 31, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 31, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 37.799, 5.815 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, 31, 57) }
```

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

```
.border{ border-color:rgb(112, 31, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 31, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 31, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 31, 57);  
box-shadow:4px 4px 4px 4px rgb(112, 31,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 37.799, 5.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 31, 57) }
```

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

```
.background{ background-color: rgb(112, 31,  
57) }
```

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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