

Converting Colors

CIELCh(26, 37.212, 6.548)

Have a look what the booklet for
CIELCh(26, 37.212, 6.548) contains.

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Color

CIELCh(26, 37.394, 6.222)

Conversions

Conversions Part 1

Format	Color
Hex	702039
RGB	112, 32, 57
RGB Percent	44%, 13%, 22%
CMY	0.5616, 0.8753, 0.7771
CMYK	0.00, 0.72, 0.49, 0.56
HSL	341°, 56%, 28%
HSV	341°, 72%, 44%
XYZ	7.9003, 4.7465, 4.3481
YIQ	58.7700, 39.6550, 24.7350

Conversions

Conversions Part 2

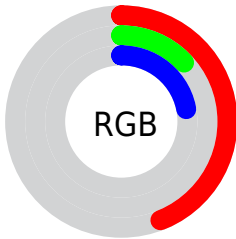
Format	Color
RYB	112, 32, 57
Decimal	7348281
CIELab	26.00, 37.17, 4.05
CIElCh	26, 37.394, 6.222
Yxy	4.7465, 0.4649, 0.2793
Android (android.graphics.Color)	4285538361 (0xFF702039)
YUV	58.7700, -0.8726, 46.6827
Hunter-Lab	21.7865, 26.6018, 3.4177

Details

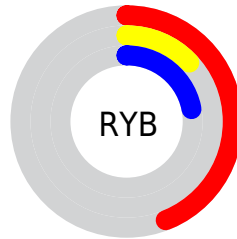
The CIELCh color **26, 37.394, 6.222** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **42, 31.236, 166.960**, and the grayscale version is **25, 0.004, 296.813**.

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, 41.302, 9.503**, and if you desaturate by 10%, it is **28, 32.765, 3.606**.

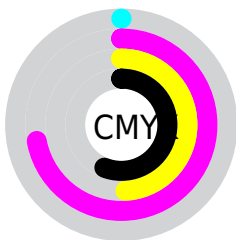
Distribution



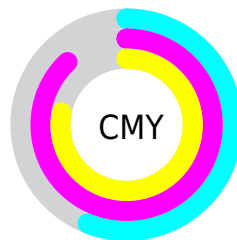
- Red (44%)
- Green (13%)
- Blue (22%)



- Red (44%)
- Yellow (13%)
- Blue (22%)



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



- Cyan (56%)
- Magenta (88%)
- Yellow (78%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 37.394, 6.222 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, 37.394, 6.222 by changing the saturation by 10% instead.

 26, 37.394, 6.222  26, 37.394, 6.222

 100, 37.394, 6.222  16, 37.394, 6.222

 46, 37.394, 6.222  6, 37.394, 6.222

 56, 37.394, 6.222  0, 37.394, 6.222

 66, 37.394, 6.222

 76, 37.394, 6.222

 86, 37.394, 6.222

 96, 37.394, 6.222

 26, 37.394, 6.222  26, 37.394, 6.222

 24, 41.302, 9.503  28, 32.765, 3.606

■ 23, 44.380, 13.577

■ 31, 27.634, 1.502

■ 22, 46.882, 17.123

■ 34, 22.222,
359.785

■ 37, 16.718,
358.354

■ 40, 11.258,
357.137

■ 43, 5.930, 356.069

■ 47, 0.784, 354.813

■ 50, 4.156, 174.471

■ 54, 8.884, 173.704

Harmonies

Complementary

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



26, 37.394, 6.222



42, 31.236, 166.960

Rectangle

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



26, 37.394, 6.222



26, 37.394, 56.222



26, 37.394, 186.222



26, 37.394, 236.222

Sweetspot

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



26, 37.392, 6.224



52, 13.603, 357.137



24, 52.630, 317.727



25, 9.310, 357.378



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, 37.392, 6.224



32, 52.512, 12.148



28, 36.369, 40.018



22, 2.882, 355.810



24, 49.360, 17.590



52, 85.670, 21.075

Inverse Universe

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



26, 37.392, 6.224



32, 52.512, 12.148



38, 20.887, 223.208



22, 2.882, 355.810



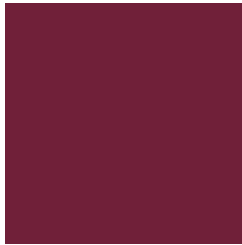
24, 49.360, 17.590



52, 85.670, 21.075

Previews

White Background



This preview shows how the CIE LCh color 26, 37.394, 6.222 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, 37.394, 6.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

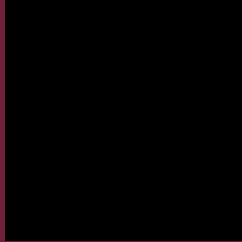
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 37.394, 6.222

Background



This preview shows how black text looks on a background with the CIELCh color 26, 37.394, 6.222.



This preview shows how white text looks on a background with the CIELCh color 26, 37.394, 6.222.

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, 37.394, 6.222

Protanopia

27, 7.846, 288.705

Deuteranopia

27, 7.461, 63.877



Tritanopia
26, 37.339, 26.794

Trichromacy



Original Color
26, 37.394, 6.222

Protanomaly
25, 16.589, 340.941

Deuteranomaly
25, 17.454, 14.683

Tritanomaly
26, 36.787, 18.861

Monochromacy



Original Color
26, 37.394, 6.222

Achromatopsia
25, 0.004, 296.813

Achromatomaly
24, 14.682, 359.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 37.394, 6.222 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, 32, 57)` looks like.

```
.text, #text, p{  
    color:rgb(112, 32, 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, 32, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 32, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 37.394, 6.222 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, 32, 57) }
```

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

```
.border{ border-color:rgb(112, 32, 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, 32, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 32, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 32, 57);  
box-shadow:4px 4px 4px 4px rgb(112, 32,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 37.394, 6.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 32, 57) }
```

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

```
.background{ background-color: rgb(112, 32,  
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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