

Converting Colors

CIELCh(26, 41.559, 1.961)

Have a look what the booklet for
CIELCh(26, 41.559, 1.961) contains.

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Color

CIELCh(26, 41.651, 1.821)

Conversions

Conversions Part 1

Format	Color
Hex	74193D
RGB	116, 25, 61
RGB Percent	45%, 10%, 24%
CMY	0.5451, 0.9019, 0.7607
CMYK	0.00, 0.78, 0.47, 0.55
HSL	336°, 65%, 28%
HSV	336°, 78%, 45%
XYZ	8.3942, 4.7465, 4.8899
YIQ	56.3130, 42.6800, 30.4880

Conversions

Conversions Part 2

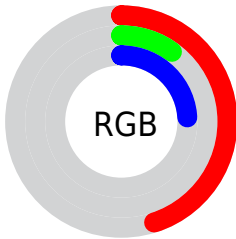
Format	Color
RYB	116, 25, 61
Decimal	7608637
CIELab	26.00, 41.63, 1.32
CIElCh	26, 41.651, 1.821
Yxy	4.7465, 0.4656, 0.2632
Android (android.graphics.Color)	4285798717 (0xFF74193D)
YUV	56.3130, 2.3107, 52.3455
Hunter-Lab	21.7865, 30.6489, 1.9431

Details

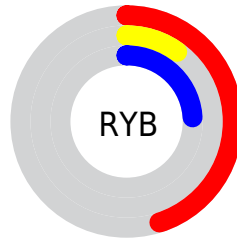
The CIELCh color **26, 41.651, 1.821** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **43, 37.292, 160.217**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 41.640, 2.102**, and **10, 31.194, 12.438** is the 20% darker color. If you saturate the color by 10%, you get **25, 44.601, 5.229**, and if you desaturate by 10%, it is **28, 37.686, 359.109**.

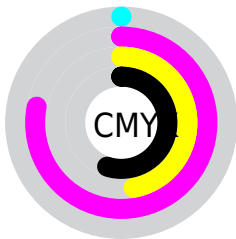
Distribution



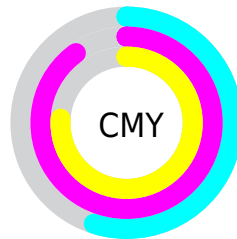
- Red (45%)
- Green (10%)
- Blue (24%)



- Red (45%)
- Yellow (10%)
- Blue (24%)



- Cyan (0%)
- Magenta (78%)
- Yellow (47%)
- Black (55%)



- Cyan (55%)
- Magenta (90%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 41.651, 1.821 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, 41.651, 1.821 by changing the saturation by 10% instead.

 26, 41.651, 1.821  26, 41.651, 1.821

 100, 41.651, 1.821  16, 41.651, 1.821

 46, 41.651, 1.821  6, 41.651, 1.821

 56, 41.651, 1.821  0, 41.651, 1.821

 66, 41.651, 1.821

 76, 41.651, 1.821

 86, 41.651, 1.821

 96, 41.651, 1.821

 26, 41.651, 1.821  26, 41.651, 1.821

 25, 44.601, 5.229  28, 37.686,

■ 24, 46.885, 9.155

359.109

■ 23, 47.275, 9.746

■ 30, 32.900,
356.935

■ 33, 27.547,
355.162

■ 36, 21.875,
353.688

■ 39, 16.081,
352.432

■ 42, 10.309,
351.339

■ 46, 4.649, 350.351

■ 49, 0.844, 169.918

■ 53, 6.146, 168.847

Harmonies

Complementary

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



26, 41.651, 1.821



43, 37.292, 160.217

Rectangle

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



26, 41.651, 1.821



26, 41.651, 51.821



26, 41.651, 181.821



26, 41.651, 231.821

Sweetspot

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



26, 41.649, 1.822



52, 16.731, 351.998



22, 58.437, 315.297



26, 11.618, 352.321



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



26, 41.649, 1.822



32, 55.769, 8.517



27, 43.798, 36.268



23, 3.134, 350.411



25, 49.143, 10.066



53, 83.787, 13.198

Inverse Universe

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



26, 41.649, 1.822



32, 55.769, 8.517



41, 23.444, 210.685



23, 3.134, 350.411



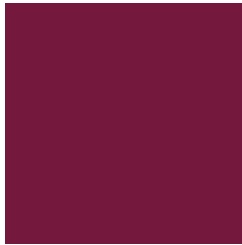
25, 49.143, 10.066



53, 83.787, 13.198

Previews

White Background



This preview shows how the CIE LCh color 26, 41.651, 1.821 looks on a white background.

Color Contrast Check

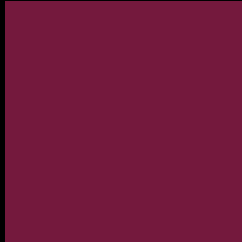
Large Text (above 18pt) WCAG AA ✓ Pass

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, 41.651, 1.821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

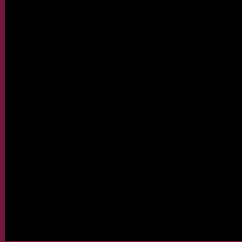
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 41.651, 1.821

Background



This preview shows how black text looks on a background with the CIELCh color 26, 41.651, 1.821.



This preview shows how white text looks on a background with the CIELCh color 26, 41.651, 1.821.

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, 41.651, 1.821

Protanopia

27, 12.480, 283.587

Deuteranopia

27, 5.823, 46.531



Tritanopia
26, 41.335, 28.425

Trichromacy



Original Color
26, 41.651, 1.821

Protanomaly
25, 20.692, 331.535

Deuteranomaly
25, 19.660, 4.787

Tritanomaly
26, 40.328, 18.317

Monochromacy



Original Color
26, 41.651, 1.821

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 17.344, 354.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 41.651, 1.821 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(116, 25, 61)` looks like.

```
.text, #text, p{  
    color:rgb(116, 25, 61)  
}
```

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(116, 25, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 25, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 41.651, 1.821 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(116, 25, 61) }
```

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

```
.border{ border-color:rgb(116, 25, 61) }
```

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

Here you see how a box with a 4 pixel rgb(116, 25, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 25, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 25, 61);  
box-shadow:4px 4px 4px 4px rgb(116, 25,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 41.651, 1.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 25, 61) }
```

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

```
.background{ background-color: rgb(116, 25,  
61) }
```

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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