

Converting Colors

CIELCh(26, 42.024, 9.039)

Have a look what the booklet for
CIELCh(26, 42.024, 9.039) contains.

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Color

CIELCh(26, 41.733, 9.303)

Conversions

Conversions Part 1

Format	Color
Hex	751935
RGB	117, 25, 53
RGB Percent	46%, 10%, 21%
CMY	0.5408, 0.9015, 0.7918
CMYK	0.00, 0.79, 0.55, 0.54
HSL	342°, 65%, 28%
HSV	342°, 79%, 46%
XYZ	8.3439, 4.7465, 3.8541
YIQ	55.7000, 45.8440, 28.2120

Conversions

Conversions Part 2

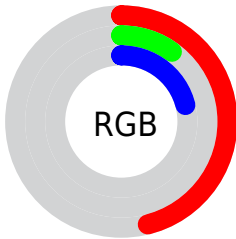
Format	Color
RYB	117, 25, 53
Decimal	7674165
CIELab	26.00, 41.18, 6.75
CIELCh	26, 41.733, 9.303
Yxy	4.7465, 0.4924, 0.2801
Android (android.graphics.Color)	4285864245 (0xFF751935)
YUV	55.7000, -1.3311, 53.7601
Hunter-Lab	21.7865, 30.2366, 4.7620

Details

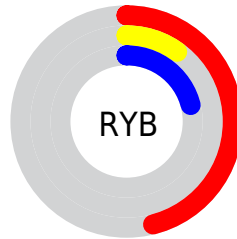
The CIELCh color **26, 41.733, 9.303** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **44, 34.232, 166.403**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 41.509, 9.574**, and **10, 32.111, 21.696** is the 20% darker color. If you saturate the color by 10%, you get **25, 45.212, 13.224**, and if you desaturate by 10%, it is **28, 37.416, 6.164**.

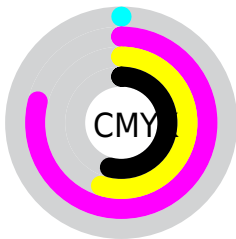
Distribution



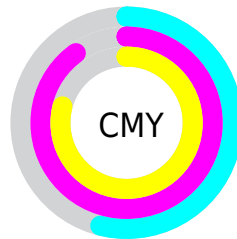
- Red (46%)
- Green (10%)
- Blue (21%)



- Red (46%)
- Yellow (10%)
- Blue (21%)



- Cyan (0%)
- Magenta (79%)
- Yellow (55%)
- Black (54%)



- Cyan (54%)
- Magenta (90%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 41.733, 9.303 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, 41.733, 9.303 by changing the saturation by 10% instead.

 26, 41.733, 9.303  26, 41.733, 9.303

 100, 41.733, 9.303  16, 41.733, 9.303

 46, 41.733, 9.303  6, 41.733, 9.303


 56, 41.733, 9.303  0, 41.733, 9.303

 66, 41.733, 9.303

 76, 41.733, 9.303

 86, 41.733, 9.303

 96, 41.733, 9.303

 26, 41.733, 9.303  26, 41.733, 9.303

 25, 45.212, 13.224  28, 37.416, 6.164

24, 48.205, 17.637

30, 32.422, 3.658

23, 48.676, 18.237

33, 26.978, 1.641

36, 21.312,
359.989

39, 15.603,
358.609

43, 9.978, 357.429

46, 4.515, 356.379

50, 0.745, 175.996

53, 5.783, 174.831

Harmonies

Complementary

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



26, 41.733, 9.303



44, 34.232, 166.403

Rectangle

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



26, 41.733, 9.303



26, 41.733, 59.303



26, 41.733, 189.303



26, 41.733, 239.303

Sweetspot

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



26, 41.731, 9.305



53, 16.231, 358.124



24, 58.698, 317.750



25, 11.132, 358.469



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, 41.731, 9.305



32, 57.490, 16.901



28, 42.287, 40.832



23, 2.978, 356.429



25, 50.306, 18.527



53, 86.738, 21.923

Inverse Universe

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



26, 41.731, 9.305



32, 57.490, 16.901



39, 22.647, 224.693



23, 2.978, 356.429



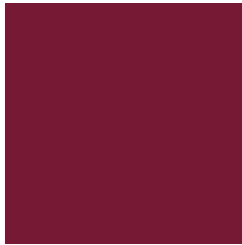
25, 50.306, 18.527



53, 86.738, 21.923

Previews

White Background



This preview shows how the CIELCh color 26, 41.733, 9.303 looks on a white background.

Color Contrast Check

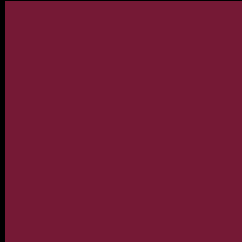
Large Text (above 18pt) WCAG AA ✓ Pass

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, 41.733, 9.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

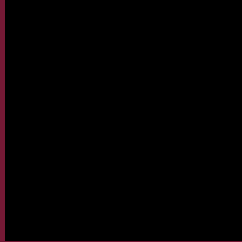
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 41.733, 9.303

Background



This preview shows how black text looks on a background with the CIELCh color 26, 41.733, 9.303.



This preview shows how white text looks on a background with the CIELCh color 26, 41.733, 9.303.

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, 41.733, 9.303

Protanopia

27, 5.877, 287.217

Deuteranopia

27, 10.157, 69.556



Tritanopia
26, 42.851, 29.128

Trichromacy



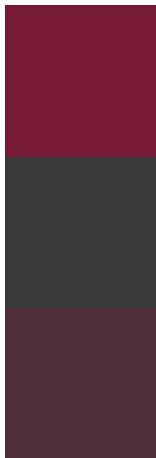
Original Color
26, 41.733, 9.303

Protanomaly
25, 18.014, 348.106

Deuteranomaly
25, 20.604, 20.309

Tritanomaly
26, 41.669, 21.650

Monochromacy



Original Color
26, 41.733, 9.303

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 16.738, 0.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 41.733, 9.303 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(117, 25, 53)` looks like.

```
.text, #text, p{  
    color:rgb(117, 25, 53)  
}
```

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(117, 25, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 25, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 41.733, 9.303 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(117, 25, 53) }
```

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

```
.border{ border-color:rgb(117, 25, 53) }
```

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

Here you see how a box with a 4 pixel rgb(117, 25, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 25, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 25, 53);  
box-shadow:4px 4px 4px 4px rgb(117, 25,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 41.733, 9.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 25, 53) }
```

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

```
.background{ background-color: rgb(117, 25,  
53) }
```

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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