

Converting Colors

CIELCh(26, 51.751, 18.282)

Have a look what the booklet for
CIELCh(26, 51.751, 18.282) contains.

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Color

CIELCh(26, 51.694, 18.192)

Conversions

Conversions Part 1

Format	Color
Hex	800128
RGB	128, 1, 40
RGB Percent	50%, 0%, 16%
CMY	0.4986, 0.9970, 0.8436
CMYK	0.00, 0.99, 0.69, 0.50
HSL	342°, 99%, 25%
HSV	342°, 99%, 50%
XYZ	9.2690, 4.7465, 2.4256
YIQ	43.4190, 63.1730, 39.0530

Conversions

Conversions Part 2

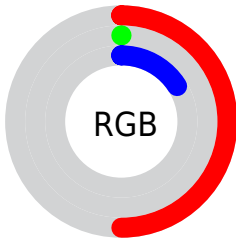
Format	Color
RYB	128, 1, 40
Decimal	8388904
CIELab	26.00, 49.11, 16.14
CIElCh	26, 51.694, 18.192
Yxy	4.7465, 0.5638, 0.2887
Android (android.graphics.Color)	4286578984 (0xFF800128)
YUV	43.4190, -1.6856, 74.1775
Hunter-Lab	21.7865, 37.8157, 8.6496

Details

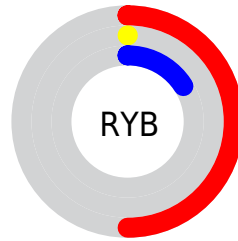
The CIELCh color **26, 51.694, 18.192** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **47, 42.115, 162.088**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **46, 51.707, 18.048**, and **12, 36.694, 29.688** is the 20% darker color. If you saturate the color by 10%, you get **26, 51.892, 18.456**, and if you desaturate by 10%, it is **27, 48.641, 13.621**.

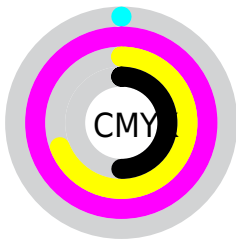
Distribution



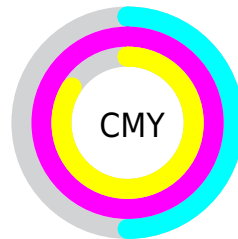
- Red (50%)
- Green (0%)
- Blue (16%)



- Red (50%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (99%)
- Yellow (69%)
- Black (50%)



- Cyan (50%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 51.694, 18.192 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, 51.694, 18.192 by changing the saturation by 10% instead.

■ 26, 51.694, 18.192

■ 26, 51.694, 18.192

■ 100, 51.694,
18.192

■ 16, 51.694, 18.192

■ 46, 51.694, 18.192

■ 6, 51.694, 18.192

■ 56, 51.694, 18.192

■ 0, 51.694, 18.192

■ 66, 51.694, 18.192

■ 76, 51.694, 18.192

■ 86, 51.694, 18.192

■ 96, 51.694, 18.192

■ 26, 51.694, 18.192

■ 26, 51.694, 18.192

26, 51.892, 18.456

27, 48.641, 13.621

28, 45.077, 9.547

30, 40.589, 6.281

33, 35.324, 3.683

36, 29.529, 1.598

39, 23.458,
359.898

43, 17.316,
358.482

46, 11.250,
357.275

50, 5.350, 356.210

Harmonies

Complementary

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



26, 51.694, 18.192



47, 42.115, 162.088

Rectangle

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



26, 51.694, 18.192



26, 51.694, 68.192



26, 51.694, 198.192



26, 51.694, 248.192

Sweetspot

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



26, 51.692, 18.194



54, 21.889, 358.652



22, 71.645, 317.161



26, 15.114, 359.138



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



26, 51.692, 18.194



35, 63.125, 19.891



27, 58.047, 42.755



25, 3.200, 356.179



26, 51.786, 18.439



0, 0.000, 0.000

Inverse Universe

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



26, 51.692, 18.194



35, 63.125, 19.891



41, 26.087, 230.528



25, 3.200, 356.179



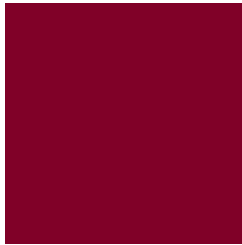
26, 51.786, 18.439



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 26, 51.694, 18.192 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, 51.694, 18.192 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, 51.694, 18.192

Background



This preview shows how black text looks on a background with the CIELCh color 26, 51.694, 18.192.



This preview shows how white text looks on a background with the CIELCh color 26, 51.694, 18.192.

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, 51.694, 18.192

Protanopia

28, 4.112, 89.643

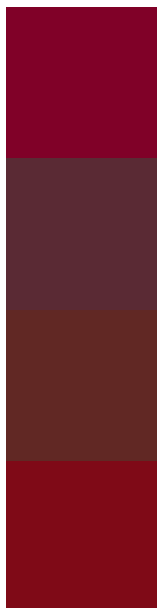
Deuteranopia

27, 20.451, 79.170



Tritanopia
26, 55.965, 36.697

Trichromacy



Original Color
26, 51.694, 18.192

Protanomaly
24, 23.522, 9.397

Deuteranomaly
24, 29.781, 30.913

Tritanomaly
26, 53.912, 30.546

Monochromacy



Original Color
26, 51.694, 18.192

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 23.559, 3.624

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 51.694, 18.192 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(128, 1, 40)` looks like.

```
.text, #text, p{  
    color:rgb(128, 1, 40)  
}
```

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(128, 1, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 1, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 51.694, 18.192 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(128, 1, 40) }
```

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

```
.border{ border-color:rgb(128, 1, 40) }
```

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

Here you see how a box with a 4 pixel rgb(128, 1, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 1, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 1, 40);  
box-shadow:4px 4px 4px 4px rgb(128, 1, 40)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 51.694, 18.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 1, 40) }
```

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

```
.background{ background-color: rgb(128, 1,  
40) }
```

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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