

Converting Colors

CIELCh(25, 53.347, 17.898)

Have a look what the booklet for
CIELCh(25, 53.347, 17.898) contains.

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Color

CIELCh(26, 51.811, 19.191)

Conversions

Conversions Part 1

Format	Color
Hex	800127
RGB	128, 1, 39
RGB Percent	50%, 0%, 15%
CMY	0.4988, 0.9949, 0.8487
CMYK	0.00, 0.99, 0.70, 0.50
HSL	342°, 98%, 25%
HSV	342°, 99%, 50%
XYZ	9.2474, 4.7465, 2.3120
YIQ	43.3050, 63.4940, 38.7420

Conversions

Conversions Part 2

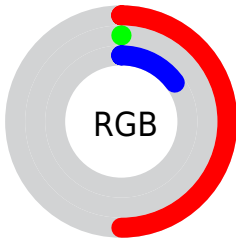
Format	Color
RYB	128, 1, 39
Decimal	8388903
CIELab	26.00, 48.93, 17.03
CIELCh	26, 51.811, 19.191
Yxy	4.7465, 0.5671, 0.2911
Android (android.graphics.Color)	4286578983 (0xFF800127)
YUV	43.3050, -2.1224, 74.2775
Hunter-Lab	21.7865, 37.6392, 8.9586

Details

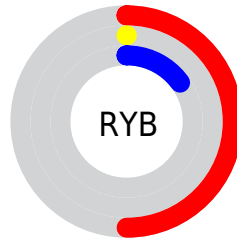
The CIELCh color **26, 51.811, 19.191** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **47, 41.339, 163.199**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **46, 51.814, 18.687**, and **12, 36.694, 29.688** is the 20% darker color. If you saturate the color by 10%, you get **26, 52.159, 19.639**, and if you desaturate by 10%, it is **27, 48.637, 14.574**.

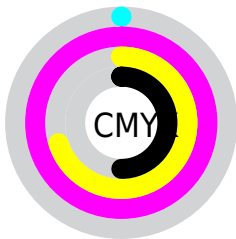
Distribution



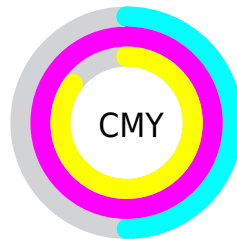
- Red (50%)
- Green (0%)
- Blue (15%)



- Red (50%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (99%)
- Yellow (70%)
- Black (50%)



- Cyan (50%)
- Magenta (99%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 51.811, 19.191 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, 51.811, 19.191 by changing the saturation by 10% instead.

 26, 51.811, 19.191

 26, 51.811, 19.191

 100, 51.811,
19.191

 16, 51.811, 19.191

 46, 51.811, 19.191

 6, 51.811, 19.191

 56, 51.811, 19.191

 0, 51.811, 19.191

 66, 51.811, 19.191

 76, 51.811, 19.191

 86, 51.811, 19.191

 96, 51.811, 19.191

 26, 51.811, 19.191

 26, 51.811, 19.191

■ 26, 52.159, 19.639

■ 27, 48.637, 14.574

■ 28, 44.934, 10.481

■ 31, 40.341, 7.196

■ 33, 35.007, 4.581

■ 36, 29.177, 2.485

■ 39, 23.098, 0.777

■ 43, 16.970,
359.357

■ 46, 10.933,
358.148

■ 50, 5.074, 357.081

Harmonies

Complementary

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



26, 51.811, 19.191



47, 41.339, 163.199

Rectangle

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



26, 51.811, 19.191



26, 51.811, 69.191



26, 51.811, 199.191



26, 51.811, 249.191

Sweetspot

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



26, 51.809, 19.193



54, 21.780, 359.583



23, 71.273, 317.686



26, 15.043, 0.073



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, 51.809, 19.193



35, 63.507, 21.083



28, 57.453, 43.351



25, 3.179, 357.093



26, 52.063, 19.623



0, 0.000, 0.000

Inverse Universe

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



26, 51.809, 19.193



35, 63.507, 21.083



40, 26.169, 233.915



25, 3.179, 357.093



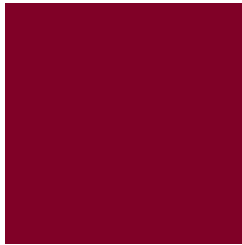
26, 52.063, 19.623



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 26, 51.811, 19.191 looks on a white background.

Color Contrast Check

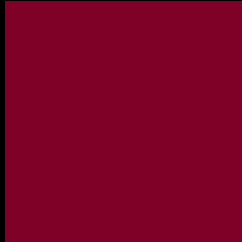
Large Text (above 18pt) WCAG AA ✓ Pass

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, 51.811, 19.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

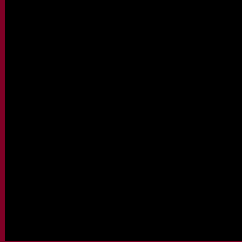
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 51.811, 19.191

Background



This preview shows how black text looks on a background with the CIELCh color 26, 51.811, 19.191.



This preview shows how white text looks on a background with the CIELCh color 26, 51.811, 19.191.

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, 51.852, 18.900

Protanopia

28, 5.351, 93.931

Deuteranopia

27, 21.570, 80.287



Tritanopia
26, 55.965, 36.697

Trichromacy



Original Color
26, 51.852, 18.900

Protanomaly
24, 23.510, 12.570

Deuteranomaly
24, 30.317, 33.139

Tritanomaly
26, 54.070, 31.281

Monochromacy



Original Color
26, 51.852, 18.900

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 23.478, 5.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 51.811, 19.191 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, 39)` looks like.

```
.text, #text, p{  
  color:rgb(128, 1, 39)  
}
```

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, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 1, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 51.811, 19.191 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, 39) }
```

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

```
.border{ border-color:rgb(128, 1, 39) }
```

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, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 1, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 1, 39);  
box-shadow:4px 4px 4px 4px rgb(128, 1, 39)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 51.811, 19.191 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, 39) }
```

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

```
.background{ background-color: rgb(128, 1,  
39) }
```

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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