

Converting Colors

CIELCh(26, 52.377, 20.836)

Have a look what the booklet for
CIELCh(26, 52.377, 20.836) contains.

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Color

CIELCh(26, 52.379, 20.989)

Conversions

Conversions Part 1

Format	Color
Hex	800124
RGB	128, 1, 36
RGB Percent	50%, 0%, 14%
CMY	0.4978, 0.9956, 0.8586
CMYK	0.00, 0.99, 0.72, 0.50
HSL	343°, 98%, 25%
HSV	343°, 99%, 50%
XYZ	9.2440, 4.7465, 2.1020
YIQ	42.9630, 64.4570, 37.8090

Conversions

Conversions Part 2

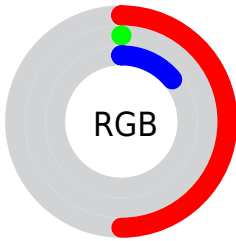
Format	Color
RYB	128, 1, 36
Decimal	8388900
CIELab	26.00, 48.90, 18.76
CIElCh	26, 52.379, 20.989
Yxy	4.7465, 0.5744, 0.2950
Android (android.graphics.Color)	4286578980 (0xFF800124)
YUV	42.9630, -3.4328, 74.5774
Hunter-Lab	21.7865, 37.6114, 9.5301

Details

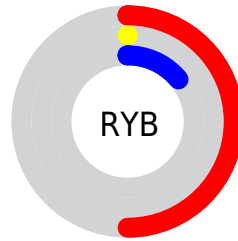
The CIELCh color **26, 52.379, 20.989** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **47, 40.453, 164.760**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **46, 52.313, 21.209**, and **12, 36.694, 29.688** is the 20% darker color. If you saturate the color by 10%, you get **26, 52.696, 21.376**, and if you desaturate by 10%, it is **27, 49.006, 16.325**.

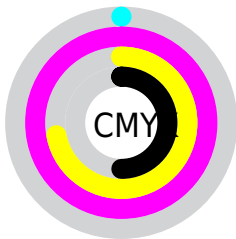
Distribution



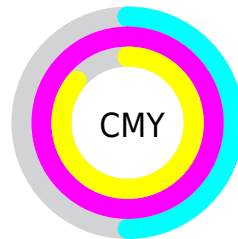
- Red (50%)
- Green (0%)
- Blue (14%)



- Red (50%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (99%)
- Yellow (72%)
- Black (50%)



- Cyan (50%)
- Magenta (100%)
- Yellow (86%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 52.379, 20.989 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, 52.379, 20.989 by changing the saturation by 10% instead.

 26, 52.379, 20.989

 26, 52.379, 20.989

 100, 52.379,
20.989

 16, 52.379, 20.989

 46, 52.379, 20.989

 6, 52.379, 20.989

 56, 52.379, 20.989

 0, 52.379, 20.989

 66, 52.379, 20.989

 76, 52.379, 20.989

 86, 52.379, 20.989

 96, 52.379, 20.989

 26, 52.379, 20.989

 26, 52.379, 20.989

26, 52.696, 21.376

27, 49.006, 16.325

28, 45.155, 12.146

31, 40.457, 8.780

33, 35.055, 6.100

36, 29.184, 3.955

39, 23.088, 2.213

43, 16.963, 0.770

46, 10.944,
359.548

50, 5.115, 358.473

Harmonies

Complementary

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



26, 52.379, 20.989



47, 40.453, 164.760

Rectangle

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



26, 52.379, 20.989



26, 52.379, 70.989



26, 52.379, 200.989



26, 52.379, 250.989

Sweetspot

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



26, 52.377, 20.991



54, 21.629, 0.980



23, 71.229, 318.201



26, 14.946, 1.476



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, 52.377, 20.991



35, 64.127, 22.813



28, 57.242, 44.044



25, 3.149, 358.470



26, 52.519, 21.348



0, 0.000, 0.000

Inverse Universe

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



26, 52.377, 20.991



35, 64.127, 22.813



39, 26.431, 237.467



25, 3.149, 358.470



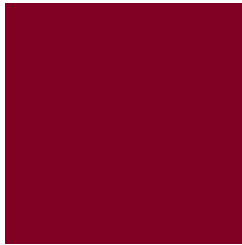
26, 52.519, 21.348



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 26, 52.379, 20.989 looks on a white background.

Color Contrast Check

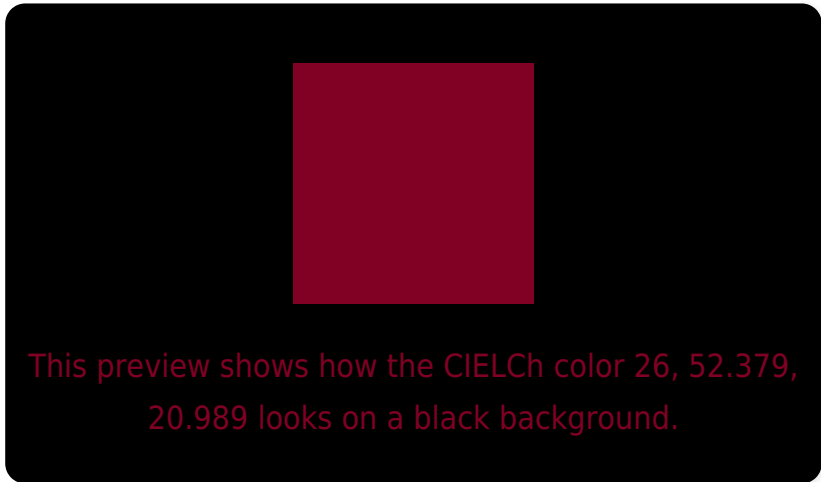
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

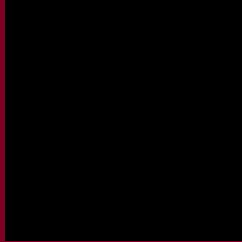
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 52.379, 20.989

Background



This preview shows how black text looks on a background with the CIELCh color 26, 52.379, 20.989.



This preview shows how white text looks on a background with the CIELCh color 26, 52.379, 20.989.

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, 52.379, 20.989

Protanopia

28, 7.349, 93.751

Deuteranopia

28, 22.934, 80.088



Tritanopia
27, 57.027, 37.290

Trichromacy



Original Color
26, 52.379, 20.989

Protanomaly
24, 23.645, 17.313

Deuteranomaly
24, 31.395, 35.206

Tritanomaly
26, 55.172, 32.328

Monochromacy



Original Color
26, 52.379, 20.989

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 23.419, 6.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 52.379, 20.989 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, 36)` looks like.

```
.text, #text, p{  
    color:rgb(128, 1, 36)  
}
```

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, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 1, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 52.379, 20.989 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, 36) }
```

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

```
.border{ border-color:rgb(128, 1, 36) }
```

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, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 1, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 1, 36);  
box-shadow:4px 4px 4px 4px rgb(128, 1, 36)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 52.379, 20.989 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, 36) }
```

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

```
.background{ background-color: rgb(128, 1,  
36) }
```

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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