

Converting Colors

CIELCh(18, 25.916, 338.328)

Have a look what the booklet for
CIELCh(18, 25.916, 338.328)
contains.

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Color

CIELCh(18, 26.079, 338.899)

Conversions

Conversions Part 1

Format	Color
Hex	471D3A
RGB	71, 29, 58
RGB Percent	28%, 11%, 23%
CMY	0.7218, 0.8865, 0.7728
CMYK	0.00, 0.59, 0.18, 0.72
HSL	319°, 42%, 20%
HSV	319°, 59%, 28%
XYZ	3.7942, 2.5180, 4.2813
YIQ	44.8640, 15.7230, 17.9230

Conversions

Conversions Part 2

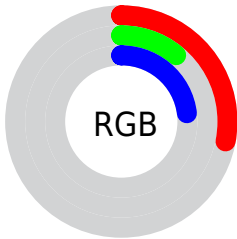
Format	Color
R_{YB}	71, 29, 58
Decimal	4660538
CIE Lab	18.00, 24.33, -9.39
CIE LCh	18, 26.079, 338.899
Yxy	2.5180, 0.3582, 0.2377
Android (android.graphics.Color)	4282850618 (0xFF471D3A)
YUV	44.8640, 6.4760, 22.9213
Hunter-Lab	15.8683, 14.9104, -4.8888

Details

The CIELCh color **18, 26.079, 338.899** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **27, 25.889, 149.552**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 26.013, 339.156**, and **2, 11.443, 345.721** is the 20% darker color. If you saturate the color by 10%, you get **16, 29.655, 339.834**, and if you desaturate by 10%, it is **20, 22.043, 338.053**.

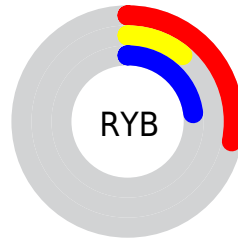
Distribution



Red (28%)

Green (11%)

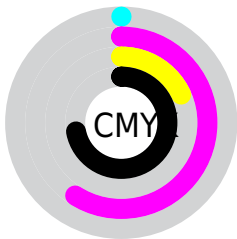
Blue (23%)



Red (28%)

Yellow (11%)

Blue (23%)

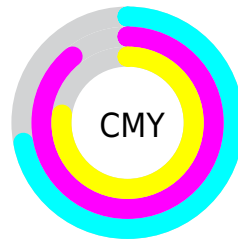


Cyan (0%)

Magenta (59%)

Yellow (18%)

Black (72%)



Cyan (72%)


Magenta (89%)


Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 26.079, 338.899 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 18, 26.079, 338.899 by changing the saturation by 10% instead.

 18, 26.079,
338.899

 18, 26.079,
338.899


 100, 26.079,
338.899


 8, 26.079, 338.899


 38, 26.079,
338.899

 0, 26.079, 338.899

 48, 26.079,
338.899

 58, 26.079,
338.899


 68, 26.079,
338.899


 78, 26.079,
338.899


 88, 26.079,


338.899


 98, 26.079,
338.899


 18, 26.079,
338.899


 18, 26.079,
338.899


 16, 29.655,
339.834


 20, 22.043,
338.053

 15, 32.598,
340.888


 22, 17.712,
337.272

 14, 34.808,
342.085

 24, 13.220,
336.544

 13, 37.048,
343.209

 26, 8.668, 335.857

 13, 37.241,
343.293

 28, 4.127, 335.194

 30, 0.353, 155.088

■ 33, 4.742, 154.086

■ 35, 9.023, 153.525

■ 37, 13.188,
153.004

Harmonies

Complementary

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



18, 26.079, 338.899



27, 25.889, 149.552

Rectangle

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



18, 26.079, 338.899



18, 26.079, 28.899



18, 26.079, 158.899



18, 26.079, 208.899

Sweetspot

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



18, 26.078, 338.899



34, 10.062, 335.823



14, 29.949, 305.852



15, 6.895, 335.923



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



18, 26.078, 338.899



22, 37.059, 340.299



17, 21.469, 10.832



13, 2.513, 335.154



20, 46.518, 344.285



50, 83.810, 345.899

Inverse Universe

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



18, 26.078, 338.899



22, 37.059, 340.299



27, 17.070, 177.947



13, 2.513, 335.154



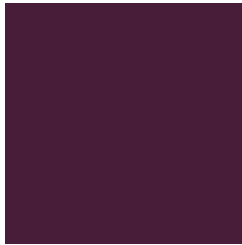
20, 46.518, 344.285



50, 83.810, 345.899

Previews

White Background



This preview shows how the CIELCh color 18, 26.079, 338.899 looks on a white background.

Color Contrast Check

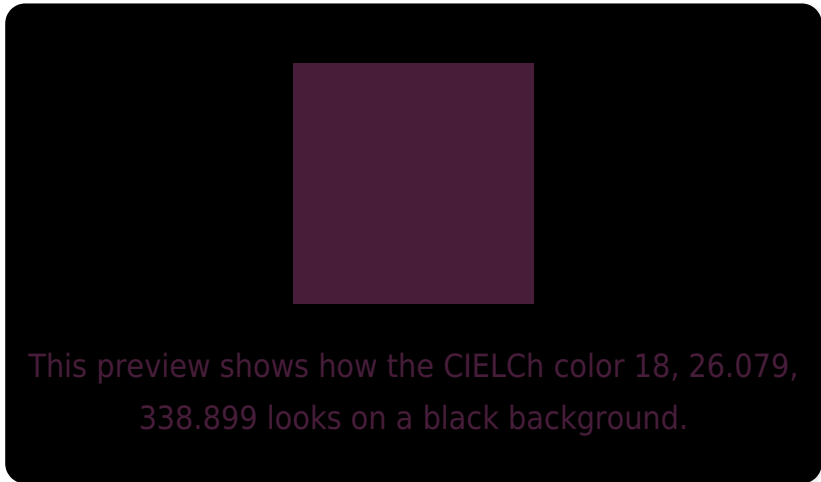
Large Text (above 18pt) WCAG AA ✓ Pass

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

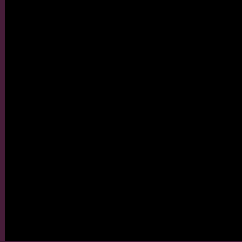
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 26.079, 338.899

Background



This preview shows how black text looks on a background with the CIELCh color 18, 26.079, 338.899.



This preview shows how white text looks on a background with the CIELCh color 18, 26.079, 338.899.

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

18, 26.079, 338.899

Protanopia

18, 17.998, 285.192

Deuteranopia

18, 8.272, 292.209



Tritanopia
18, 17.930, 17.815

Trichromacy



Original Color
18, 26.079, 338.899

Protanomaly
18, 19.165, 306.629

Deuteranomaly
18, 14.098, 321.023

Tritanomaly
18, 19.922, 359.271

Monochromacy



Original Color
18, 26.079, 338.899

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 10.308, 334.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 26.079, 338.899 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(71, 29, 58)` looks like.

```
.text, #text, p{  
    color:rgb(71, 29, 58)  
}
```

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(71, 29, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 29, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 26.079, 338.899 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(71, 29, 58) }
```

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

```
.border{ border-color:rgb(71, 29, 58) }
```

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

Here you see how a box with a 4 pixel rgb(71, 29, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 29, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 29, 58);  
box-shadow:4px 4px 4px 4px rgb(71, 29, 58)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 26.079, 338.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 29, 58) }
```

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

```
.background{ background-color: rgb(71, 29,  
58) }
```

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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