

Converting Colors

CIE LCh(26, 29.199, 3.201)

Have a look what the booklet for
CIELCh(26, 29.199, 3.201) contains.

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Color

CIELCh(26, 29.591, 3.170)

Conversions

Conversions Part 1

Format	Color
Hex	66293C
RGB	102, 41, 60
RGB Percent	40%, 16%, 24%
CMY	0.5997, 0.8389, 0.7645
CMYK	0.00, 0.60, 0.41, 0.60
HSL	341°, 43%, 28%
HSV	341°, 60%, 40%
XYZ	7.1004, 4.7465, 4.8256
YIQ	61.4050, 30.2570, 18.8410

Conversions

Conversions Part 2

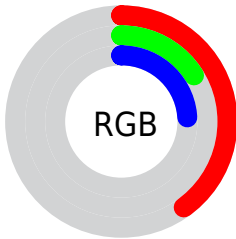
Format	Color
RYB	102, 41, 60
Decimal	6695228
CIELab	26.00, 29.55, 1.64
CIElCh	26, 29.591, 3.170
Yxy	4.7465, 0.4259, 0.2847
Android (android.graphics.Color)	4284885308 (0xFF66293C)
YUV	61.4050, -0.6927, 35.6018
Hunter-Lab	21.7865, 20.0481, 2.1180

Details

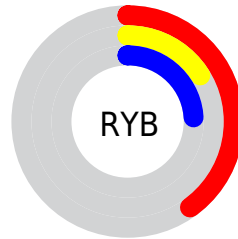
The CIELCh color **26, 29.591, 3.170** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **39, 25.267, 168.899**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 29.469, 3.078**, and **7, 27.181, 6.079** is the 20% darker color. If you saturate the color by 10%, you get **24, 34.021, 5.628**, and if you desaturate by 10%, it is **28, 24.746, 1.187**.

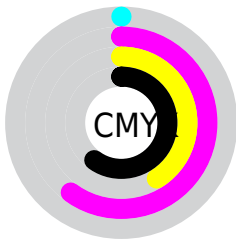
Distribution



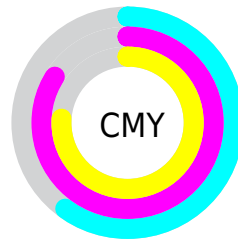
- Red (40%)
- Green (16%)
- Blue (24%)



- Red (40%)
- Yellow (16%)
- Blue (24%)



- Cyan (0%)
- Magenta (60%)
- Yellow (41%)
- Black (60%)





- Cyan (60%)
- Magenta (84%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 29.591, 3.170 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, 29.591, 3.170 by changing the saturation by 10% instead.

 26, 29.591, 3.170  26, 29.591, 3.170

 100, 29.591, 3.170  16, 29.591, 3.170

 46, 29.591, 3.170  6, 29.591, 3.170

 56, 29.591, 3.170  0, 29.591, 3.170

 66, 29.591, 3.170

 76, 29.591, 3.170

 86, 29.591, 3.170

 96, 29.591, 3.170

 26, 29.591, 3.170  26, 29.591, 3.170

 24, 34.021, 5.628  28, 24.746, 1.187

22, 37.842, 8.696

31, 19.691,
359.557

21, 40.916, 12.514

34, 14.585,
358.191

20, 43.806, 16.522

20, 43.880, 16.609

37, 9.541, 357.020

40, 4.630, 355.983

43, 0.107, 177.885

47, 4.652, 174.437

50, 9.004, 173.699

53, 13.167,
173.047

Harmonies

Complementary

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



26, 29.591, 3.170



39, 25.267, 168.899

Rectangle

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



26, 29.591, 3.170



26, 29.591, 53.170



26, 29.591, 183.170



26, 29.591, 233.170

Sweetspot

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



26, 29.589, 3.172



48, 10.750, 356.885



25, 41.710, 317.487



23, 7.436, 357.118



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



26, 29.589, 3.172



31, 43.088, 6.862



28, 27.073, 38.876



19, 2.656, 355.898



23, 47.822, 17.441



51, 84.362, 21.146

Inverse Universe

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



26, 29.589, 3.172



31, 43.088, 6.862



36, 17.451, 221.241



19, 2.656, 355.898



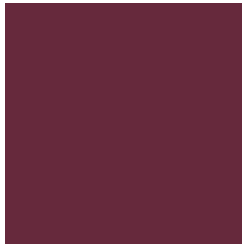
23, 47.822, 17.441



51, 84.362, 21.146

Previews

White Background



This preview shows how the CIE LCh color 26, 29.591, 3.170 looks on a white background.

Color Contrast Check

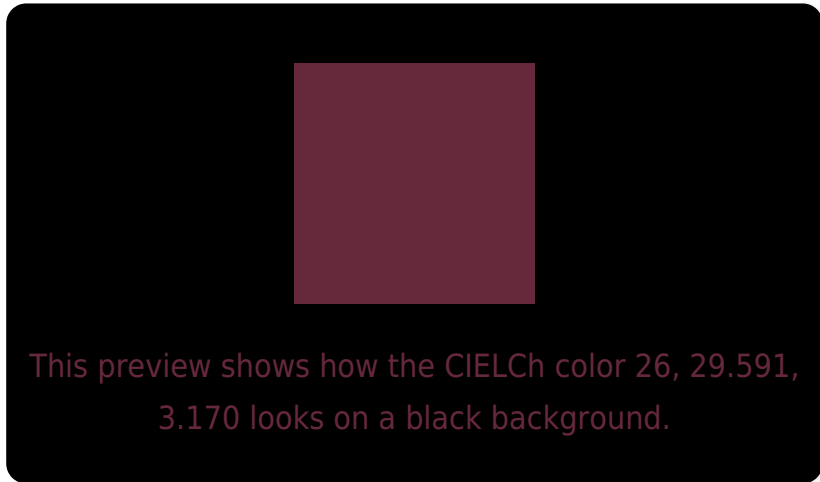
Large Text (above 18pt) WCAG AA ✓ Pass

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

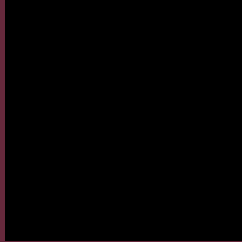
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 29.591, 3.170

Background



This preview shows how black text looks on a background with the CIELCh color 26, 29.591, 3.170.



This preview shows how white text looks on a background with the CIELCh color 26, 29.591, 3.170.

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, 29.591, 3.170

Protanopia

26, 6.543, 287.798

Deuteranopia

26, 5.102, 42.550



Tritanopia
26, 28.032, 21.974

Trichromacy



Original Color
26, 29.591, 3.170

Protanomaly
26, 13.376, 338.984

Deuteranomaly
26, 14.019, 9.008

Tritanomaly
26, 27.992, 14.516

Monochromacy



Original Color
26, 29.591, 3.170

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 11.115, 357.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 29.591, 3.170 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(102, 41, 60)` looks like.

```
.text, #text, p{  
    color:rgb(102, 41, 60)  
}
```

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(102, 41, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 41, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 29.591, 3.170 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(102, 41, 60) }
```

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

```
.border{ border-color:rgb(102, 41, 60) }
```

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

Here you see how a box with a 4 pixel rgb(102, 41, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 41, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 41, 60);  
box-shadow:4px 4px 4px 4px rgb(102, 41,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 29.591, 3.170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 41, 60) }
```

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

```
.background{ background-color: rgb(102, 41,  
60) }
```

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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