

Converting Colors

CIELCh(26, 59.494, 322.352)

Have a look what the booklet for
CIELCh(26, 59.494, 322.352)
contains.

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Color

CIELCh(26, 59.777, 322.376)

Conversions

Conversions Part 1

Format	Color
Hex	661776
RGB	102, 23, 118
RGB Percent	40%, 9%, 46%
CMY	0.6000, 0.9098, 0.5372
CMYK	0.14, 0.81, 0.00, 0.54
HSL	290°, 67%, 28%
HSV	290°, 81%, 46%
XYZ	9.0574, 4.7465, 17.5804
YIQ	57.4510, 16.5890, 46.2930

Conversions

Conversions Part 2

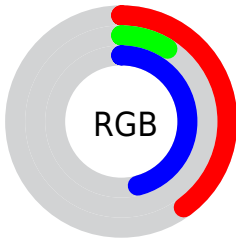
Format	Color
R_{YB}	102, 23, 118
Decimal	6690678
CIE _{Lab}	26.00, 47.35, -36.49
CIE _{LCh}	26, 59.777, 322.376
Yxy	4.7465, 0.2886, 0.1512
Android (android.graphics.Color)	4284880758 (0xFF661776)
YUV	57.4510, 29.8507, 39.0695
Hunter-Lab	21.7865, 36.0821, -32.5930

Details

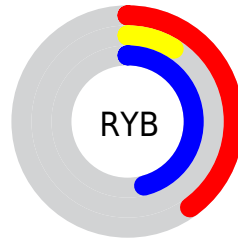
The CIELCh color **26, 59.777, 322.376** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **43, 59.387, 135.022**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 59.718, 322.309**, and **10, 46.215, 319.555** is the 20% darker color. If you saturate the color by 10%, you get **25, 63.536, 322.257**, and if you desaturate by 10%, it is **28, 54.542, 322.324**.

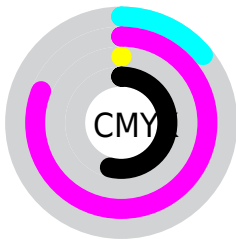
Distribution



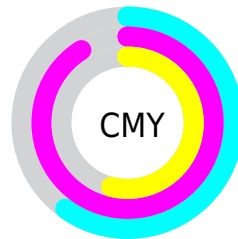
- Red (40%)
- Green (9%)
- Blue (46%)



- Red (40%)
- Yellow (9%)
- Blue (46%)



- Cyan (14%)
- Magenta (81%)
- Yellow (0%)
- Black (54%)





- Cyan (60%)
- Magenta (91%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 59.777, 322.376 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, 59.777, 322.376 by changing the saturation by 10% instead.

 26, 59.777,
322.376


 26, 59.777,
322.376

 100, 59.777,
322.376


 16, 59.777,
322.376


 46, 59.777,
322.376


 6, 59.777, 322.376

 56, 59.777,
322.376

 0, 59.777, 322.376

 66, 59.777,
322.376

 76, 59.777,
322.376

 86, 59.777,
322.376

 96, 59.777,

322.376

■ 26, 59.777,
322.376

■ 26, 59.777,
322.376

■ 25, 63.536,
322.257

■ 28, 54.542,
322.324

■ 23, 66.294,
322.062

■ 30, 48.119,
322.133

■ 33, 40.841,
321.838

■ 36, 33.017,
321.472

■ 39, 24.902,
321.062

■ 43, 16.682,
320.628

■ 46, 8.488, 320.183

■ 49, 0.407, 319.408

■ 53, 7.509, 139.374

Harmonies

Complementary

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



26, 59.777, 322.376



43, 59.387, 135.022

Rectangle

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



26, 59.777, 322.376



26, 59.777, 12.376



26, 59.777, 142.376



26, 59.777, 192.376

Sweetspot

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



26, 59.776, 322.376



53, 24.202, 320.808



20, 51.951, 296.892



26, 16.543, 320.930



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



26, 59.776, 322.376



32, 79.239, 322.005



27, 48.430, 342.133



23, 4.522, 320.116



24, 68.058, 322.040



52, 115.520, 321.715

Inverse Universe

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



26, 44.062, 21.005



32, 62.801, 29.560



43, 50.203, 145.976



23, 2.817, 6.395



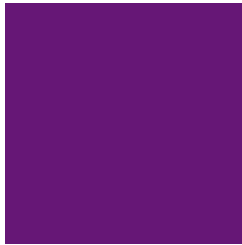
24, 54.079, 29.658



52, 94.427, 32.765

Previews

White Background



This preview shows how the CIELCh color 26, 59.777, 322.376 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 CIELCh color 26, 59.777, 322.376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

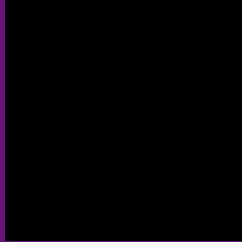
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 59.777, 322.376

Background



This preview shows how black text looks on a background with the CIELCh color 26, 59.777, 322.376.



This preview shows how white text looks on a background with the CIELCh color 26, 59.777, 322.376.

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, 59.777, 322.376

Protanopia
27, 44.581, 285.183

Deuteranopia
27, 32.225, 276.960



Tritanopia
26, 20.816, 16.857

Trichromacy



Original Color
26, 59.777, 322.376

Protanomaly
23, 51.280, 297.290

Deuteranomaly
24, 42.809, 298.692

Tritanomaly
25, 32.276, 340.537

Monochromacy



Original Color
26, 59.777, 322.376

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 25.147, 321.240

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 59.777, 322.376 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, 23, 118)` looks like.

```
.text, #text, p{  
    color:rgb(102, 23, 118)  
}
```

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, 23, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 23, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 59.777, 322.376 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, 23, 118) }
```

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

```
.border{ border-color:rgb(102, 23, 118) }
```

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

Here you see how a box with a 4 pixel rgb(102, 23, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 23, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 23, 118);  
box-shadow:4px 4px 4px 4px rgb(102, 23,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 59.777, 322.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 23, 118) }
```

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

```
.background{ background-color: rgb(102, 23,  
118) }
```

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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