

Converting Colors

CIELCh(26, 79.233, 316.547)

Have a look what the booklet for
CIELCh(26, 79.233, 316.547)
contains.

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Color

CIELCh(26, 79.411, 316.432)

Conversions

Conversions Part 1

Format	Color
Hex	620293
RGB	98, 2, 147
RGB Percent	38%, 1%, 58%
CMY	0.6157, 0.9922, 0.4235
CMYK	0.33, 0.99, 0.00, 0.42
HSL	280°, 97%, 29%
HSV	280°, 99%, 58%
XYZ	10.3250, 4.7465, 27.9749
YIQ	47.2340, 10.6710, 65.4470

Conversions

Conversions Part 2

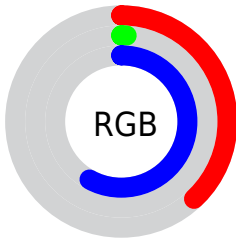
Format	Color
RYB	98, 2, 147
Decimal	6423187
CIELab	26.00, 57.54, -54.73
CIElCh	26, 79.411, 316.432
Yxy	4.7465, 0.2399, 0.1103
Android (android.graphics.Color)	4284613267 (0xFF620293)
YUV	47.2340, 49.1846, 44.5218
Hunter-Lab	21.7865, 46.4677, -60.8807

Details

The CIELCh color **26, 79.411, 316.432** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **54, 75.158, 132.099**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 79.417, 316.451**, and **11, 60.883, 311.386** is the 20% darker color. If you saturate the color by 10%, you get **26, 79.905, 316.377**, and if you desaturate by 10%, it is **28, 75.747, 316.884**.

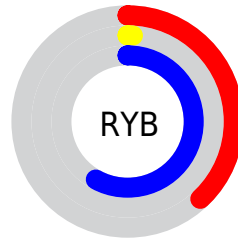
Distribution



Red (38%)

Green (1%)

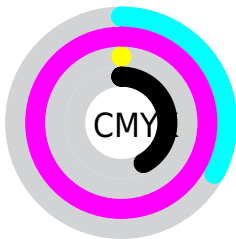
Blue (58%)



Red (38%)

Yellow (1%)

Blue (58%)

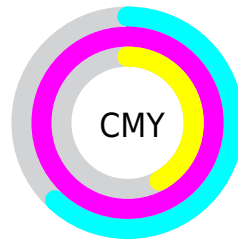


Cyan (33%)

Magenta (99%)

Yellow (0%)

Black (42%)



Cyan (62%)


Magenta (99%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 79.411, 316.432 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, 79.411, 316.432 by changing the saturation by 10% instead.


 26, 79.411,
316.432


 26, 79.411,
316.432

 100, 79.411,
316.432


 16, 79.411,
316.432


 46, 79.411,
316.432


 6, 79.411, 316.432

 56, 79.411,
316.432

 0, 79.411, 316.432

 66, 79.411,
316.432

 76, 79.411,
316.432

 86, 79.411,
316.432

 96, 79.411,

316.432

■ 26, 79.411,
316.432

■ 26, 79.411,
316.432

■ 26, 79.905,
316.377

■ 28, 75.747,
316.884

■ 30, 70.402,
317.102

■ 33, 63.338,
317.072

■ 36, 55.044,
316.862

■ 40, 45.987,
316.536

■ 44, 36.533,
316.142

■ 48, 26.943,
315.716

■ 53, 17.390,
315.282

■ 57, 7.978, 314.853

Harmonies

Complementary

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



26, 79.411, 316.432



54, 75.158, 132.099

Rectangle

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



26, 79.411, 316.432



26, 79.411, 6.432



26, 79.411, 136.432



26, 79.411, 186.432

Sweetspot

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



26, 79.411, 316.432



61, 35.022, 315.801



26, 61.033, 294.509



30, 24.133, 315.965



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



26, 79.411, 316.432



35, 97.165, 316.171



33, 68.105, 335.023



29, 5.244, 314.877



24, 76.163, 316.436



1, 4.543, 314.520

Inverse Universe

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



31, 56.567, 15.881



40, 69.533, 17.765



53, 75.480, 138.016



29, 3.682, 354.166



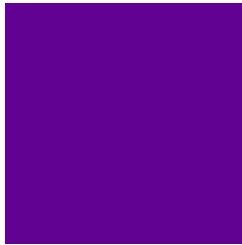
28, 54.268, 16.143



1, 3.168, 353.384

Previews

White Background



This preview shows how the CIE LCh color 26, 79.411, 316.432 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, 79.411, 316.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

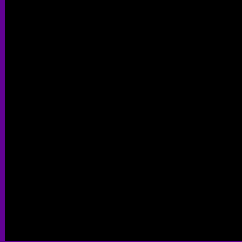
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 79.411, 316.432

Background



This preview shows how black text looks on a background with the CIELCh color 26, 79.411, 316.432.



This preview shows how white text looks on a background with the CIELCh color 26, 79.411, 316.432.

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, 79.411, 316.432

Protanopia

27, 45.112, 285.217

Deuteranopia

27, 32.201, 272.082



Tritanopia
27, 12.485, 6.967

Trichromacy



Original Color
26, 79.411, 316.432

Protanomaly
23, 63.275, 300.918

Deuteranomaly
22, 54.108, 298.834

Tritanomaly
24, 39.922, 324.535

Monochromacy



Original Color
26, 79.411, 316.432

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 36.772, 317.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 79.411, 316.432 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(98, 2, 147)` looks like.

```
.text, #text, p{  
    color:rgb(98, 2, 147)  
}
```

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(98, 2, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 2, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 79.411, 316.432 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(98, 2, 147) }
```

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

```
.border{ border-color:rgb(98, 2, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 2, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 2, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 2, 147);  
box-shadow:4px 4px 4px 4px rgb(98, 2, 147)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 79.411, 316.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 2, 147) }
```

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

```
.background{ background-color: rgb(98, 2,  
147) }
```

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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