

Converting Colors

CIELCh(26, 88.376, 313.132)

Have a look what the booklet for
CIELCh(26, 88.376, 313.132)
contains.

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Color

CIELCh(26, 88.319, 313.101)

Conversions

Conversions Part 1	
Format	Color
Hex	5900A3
RGB	89, 0, 163
RGB Percent	35%, 0%, 64%
CMY	0.6517, 1.0000, 0.3615
CMYK	0.45, 1.00, 0.00, 0.36
HSL	273°, 100%, 32%
HSV	273°, 100%, 64%
XYZ	10.6940, 4.7465, 34.9205
YIQ	45.1930, 0.7210, 69.5610

Conversions

Conversions Part 2

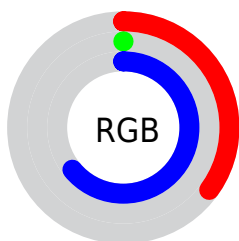
Format	Color
RYB	89, 0, 163
Decimal	5832867
CIELab	26.00, 60.35, -64.49
CIELCh	26, 88.319, 313.101
Yxy	4.7465, 0.2123, 0.0942
Android (android.graphics.Color)	4284022947 (0xFF5900A3)
YUV	45.1930, 58.0789, 38.4187
Hunter-Lab	21.7865, 49.4915, -79.7825

Details

The CIELCh color **26, 88.319, 313.101** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **60, 78.992, 129.315**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **46, 88.256, 313.157**, and **11, 70.415, 307.778** is the 20% darker color. If you saturate the color by 10%, you get **26, 88.259, 313.089**, and if you desaturate by 10%, it is **28, 84.037, 313.559**.

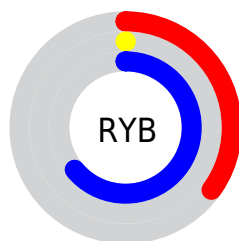
Distribution



Red (35%)

Green (0%)

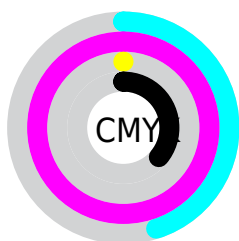
Blue (64%)



Red (35%)

Yellow (0%)

Blue (64%)

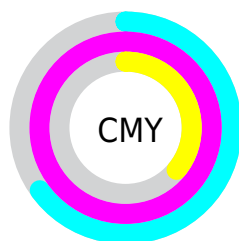


Cyan (45%)

Magenta (100%)

Yellow (0%)

Black (36%)



Cyan (65%)

Magenta (100%)


Yellow (36%)


Brightness & Saturation


Gradients


These gradients show how the CIELCh color 26, 88.319, 313.101 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, 88.319, 313.101 by changing the saturation by 10% instead.

 26, 88.319,
313.101


 26, 88.319,
313.101


 100, 88.319,
313.101


 16, 88.319,
313.101


 46, 88.319,
313.101


 6, 88.319, 313.101

 56, 88.319,
313.101

 0, 88.319, 313.101


 66, 88.319,
313.101


 76, 88.319,
313.101


 86, 88.319,
313.101


 96, 88.319,


313.101


 26, 88.319,
313.101


 26, 88.319,
313.101


 26, 88.259,
313.089

 28, 84.037,
313.559

 31, 77.983,
313.770

 34, 69.999,
313.679

 38, 60.727,
313.383

 43, 50.728,
312.967

 47, 40.415,
312.492

■ 52, 30.056,
311.999

■ 57, 19.814,
311.515

■ 62, 9.782, 311.053

Harmonies

Complementary

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



26, 88.319, 313.101



60, 78.992, 129.315

Rectangle

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



26, 88.319, 313.101



26, 88.319, 3.101



26, 88.319, 133.101



26, 88.319, 183.101

Sweetspot

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



26, 88.259, 313.089



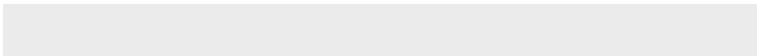
67, 37.230, 312.027



34, 54.610, 286.726



33, 25.699, 312.225



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



26, 88.259, 313.089



35, 107.459, 312.879



38, 80.510, 329.589



32, 5.539, 311.020



23, 81.136, 313.196



1, 8.427, 308.860

Inverse Universe

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



35, 60.360, 5.873



45, 73.353, 6.849



58, 84.977, 136.331



32, 4.285, 346.916



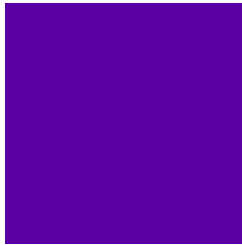
31, 55.550, 5.379



1, 6.406, 348.695

Previews

White Background



This preview shows how the CIELCh color 26, 88.319, 313.101 looks on a white background.

Color Contrast Check

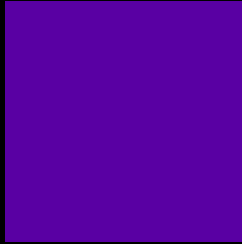
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.319, 313.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

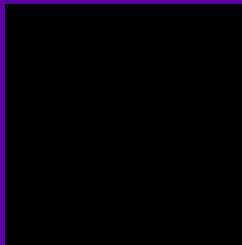
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 88.319, 313.101

Background



This preview shows how black text looks on a background with the CIELCh color 26, 88.319, 313.101.



This preview shows how white text looks on a background with the CIELCh color 26, 88.319, 313.101.

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, 88.319, 313.101

Protanopia

27, 45.112, 285.217

Deuteranopia

27, 31.654, 271.328

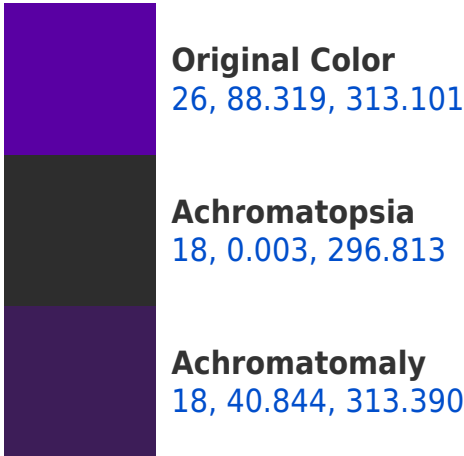


Tritanopia
27, 3.532, 312.733

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIE LCh 26, 88.319, 313.101 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(89, 0, 163)` looks like.

```
.text, #text, p{  
    color:rgb(89, 0, 163)  
}
```

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(89, 0, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 0, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 88.319, 313.101 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(89, 0, 163) }
```

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

```
.border{ border-color:rgb(89, 0, 163) }
```

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

Here you see how a box with a 4 pixel rgb(89, 0, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 0, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 0, 163);  
box-shadow:4px 4px 4px 4px rgb(89, 0, 163)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 88.319, 313.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 0, 163) }
```

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

```
.background{ background-color: rgb(89, 0,  
163) }
```

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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