

Converting Colors

CIELCh(26, 105.590, 308.355)

Have a look what the booklet for
CIELCh(26, 105.590, 308.355)
contains.

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Color

CIELCh(26, 105.334, 308.306)

Conversions

Conversions Part 1

Format	Color
Hex	3A00C1
RGB	58, 0, 193
RGB Percent	23%, 0%, 76%
CMY	0.7727, 1.0000, 0.2432
CMYK	0.70, 1.00, 0.00, 0.24
HSL	258°, 100%, 38%
HSV	258°, 100%, 76%
XYZ	11.3649, 4.7465, 50.7526
YIQ	39.3440, -27.3850, 72.3190

Conversions

Conversions Part 2

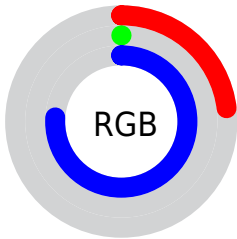
Format	Color
RYB	58, 0, 193
Decimal	3801281
CIELab	26.00, 65.29, -82.66
CIElCh	26, 105.334, 308.306
Yxy	4.7465, 0.1700, 0.0710
Android (android.graphics.Color)	4281991361 (0xFF3A00C1)
YUV	39.3440, 75.7524, 16.3613
Hunter-Lab	21.7865, 54.9878, -122.8683

Details

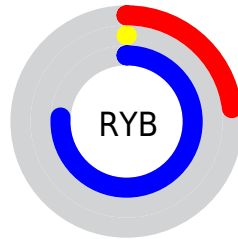
The CIELCh color **26, 105.334, 308.306** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **72, 82.912, 119.942**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **46, 105.218, 308.255**, and **15, 84.763, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **26, 105.324, 308.304**, and if you desaturate by 10%, it is **29, 99.877, 308.372**.

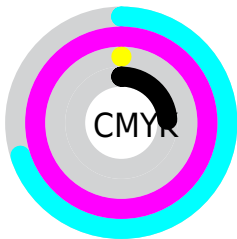
Distribution



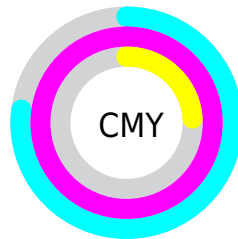
- Red (23%)
- Green (0%)
- Blue (76%)



- Red (23%)
- Yellow (0%)
- Blue (76%)



- Cyan (70%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)





- Cyan (77%)
- Magenta (100%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 105.334, 308.306 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, 105.334, 308.306 by changing the saturation by 10% instead.


 26, 105.334,
308.306


 26, 105.334,
308.306


 100, 105.334,
308.306


 16, 105.334,
308.306


 46, 105.334,
308.306


 6, 105.334,
308.306

 56, 105.334,
308.306

 0, 105.334,
308.306

 66, 105.334,
308.306

 76, 105.334,
308.306

 86, 105.334,
308.306

 96, 105.334,

308.306

■ 26, 105.334,
308.306

■ 26, 105.334,
308.306

■ 26, 105.324,
308.304

■ 29, 99.877,
308.372

■ 32, 91.677,
308.053

■ 37, 81.191,
307.374

■ 42, 69.507,
306.508

■ 48, 57.391,
305.585

■ 54, 45.287,
304.682

■ 60, 33.423,
303.842

■ 66, 21.902,
303.082

■ 72, 10.762,
302.405

Harmonies

Complementary

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



26, 105.334, 308.306



72, 82.912, 119.942

Rectangle

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



26, 105.334, 308.306



26, 105.334, 358.306



26, 105.334, 128.306



26, 105.334, 178.306

Sweetspot

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



26, 105.324, 308.304



76, 41.263, 303.879



53, 39.762, 256.285



37, 28.344, 304.229



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



26, 105.324, 308.304



35, 128.157, 308.165



39, 95.501, 320.683



38, 6.116, 302.365



21, 91.799, 308.428



2, 19.739, 299.194

Inverse Universe

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



43, 74.785, 344.983



55, 90.560, 345.333



68, 95.391, 134.681



38, 5.854, 334.905



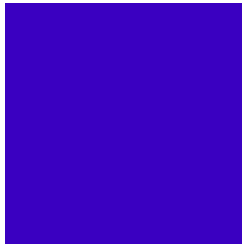
35, 65.456, 344.684



4, 18.253, 340.254

Previews

White Background



This preview shows how the CIE LCh color 26, 105.334, 308.306 looks on a white background.

Color Contrast Check

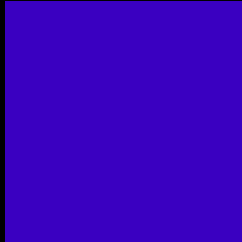
Large Text (above 18pt) WCAG AA ✓ Pass

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, 105.334, 308.306 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, 105.334, 308.306

Background



This preview shows how black text looks on a background with the CIELCh color 26, 105.334, 308.306.



This preview shows how white text looks on a background with the CIELCh color 26, 105.334, 308.306.

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, 105.334, 308.306

Protanopia

27, 43.918, 284.462

Deuteranopia

27, 30.573, 269.740

Trichromacy



Original Color
26, 105.334, 308.306

Protanomaly
23, 72.883, 300.815

Deuteranomaly
23, 64.071, 298.839

Monochromacy



Original Color
26, 105.334, 308.306

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 47.851, 307.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 105.334, 308.306 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(58, 0, 193)` looks like.

```
.text, #text, p{  
    color:rgb(58, 0, 193)  
}
```

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(58, 0, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 0, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 105.334, 308.306 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(58, 0, 193) }
```

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

```
.border{ border-color:rgb(58, 0, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 0, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 0, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 0, 193);  
box-shadow:4px 4px 4px 4px rgb(58, 0, 193)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 105.334, 308.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 0, 193) }
```

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

```
.background{ background-color: rgb(58, 0,  
193) }
```

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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