

Converting Colors

CIELCh(26, 57.233, 312.970)

Have a look what the booklet for
CIELCh(26, 57.233, 312.970)
contains.

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Color

CIELCh(26, 56.817, 312.991)

Conversions

Conversions Part 1

Format	Color
Hex	54267E
RGB	84, 38, 126
RGB Percent	33%, 15%, 49%
CMY	0.6715, 0.8518, 0.5068
CMYK	0.33, 0.70, 0.00, 0.51
HSL	271°, 54%, 32%
HSV	271°, 70%, 49%
XYZ	8.0719, 4.7465, 20.1502
YIQ	61.7860, -0.8320, 37.1200

Conversions

Conversions Part 2

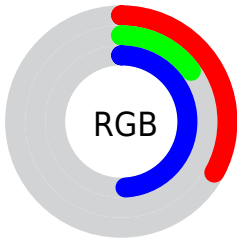
Format	Color
R_{YB}	84, 38, 126
Decimal	5514878
CIE _{Lab}	26.00, 38.74, -41.56
CIE _{LCh}	26, 56.817, 312.991
Yxy	4.7465, 0.2448, 0.1440
Android (android.graphics.Color)	4283704958 (0xFF54267E)
YUV	61.7860, 31.6575, 19.4817
Hunter-Lab	21.7865, 28.0080, -39.5864

Details

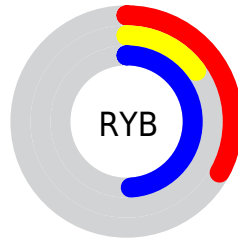
The CIELCh color **26, 56.817, 312.991** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **48, 51.671, 127.097**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 56.328, 312.985**, and **7, 52.220, 311.299** is the 20% darker color. If you saturate the color by 10%, you get **23, 63.599, 313.156**, and if you desaturate by 10%, it is **29, 49.122, 312.647**.

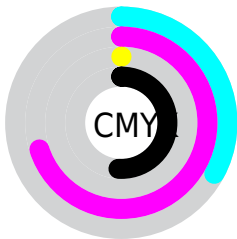
Distribution



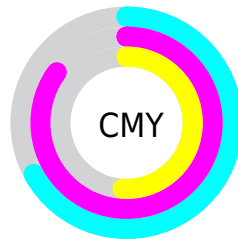
- Red (33%)
- Green (15%)
- Blue (49%)



- Red (33%)
- Yellow (15%)
- Blue (49%)



- Cyan (33%)
- Magenta (70%)
- Yellow (0%)
- Black (51%)





- Cyan (67%)
- Magenta (85%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 56.817, 312.991 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, 56.817, 312.991 by changing the saturation by 10% instead.

 26, 56.817,
312.991


 26, 56.817,
312.991

 100, 56.817,
312.991


 16, 56.817,
312.991


 46, 56.817,
312.991


 6, 56.817, 312.991

 56, 56.817,
312.991

 0, 56.817, 312.991

 66, 56.817,
312.991

 76, 56.817,
312.991

 86, 56.817,
312.991

 96, 56.817,

312.991

■ 26, 56.817,
312.991

■ 26, 56.817,
312.991

■ 23, 63.599,
313.156

■ 29, 49.122,
312.647

■ 21, 68.961,
313.047

■ 33, 40.938,
312.202

■ 19, 73.290,
312.795

■ 37, 32.563,
311.710

■ 19, 73.310,
312.794

■ 41, 24.188,
311.210

■ 45, 15.927,
310.724

■ 49, 7.845, 310.262

■ 53, 0.026, 133.288

■ 57, 7.673, 129.485

■ 61, 15.093,
129.137

Harmonies

Complementary

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



26, 56.817, 312.991



48, 51.671, 127.097

Rectangle

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



26, 56.817, 312.991



26, 56.817, 2.991



26, 56.817, 132.991



26, 56.817, 182.991

Sweetspot

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



26, 56.816, 312.991



57, 20.779, 310.797



33, 30.068, 272.270



28, 14.030, 310.903



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



26, 56.816, 312.991



29, 81.042, 313.129



32, 57.083, 328.213



25, 4.485, 310.224



19, 74.046, 312.779



0, 0.000, 0.000

Inverse Universe

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



30, 42.006, 353.653



37, 57.443, 357.798



46, 58.098, 138.786



25, 3.540, 345.579



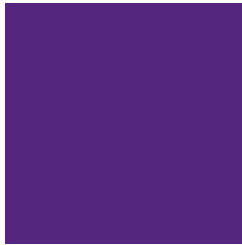
26, 50.645, 2.625



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 26, 56.817, 312.991 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, 56.817, 312.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

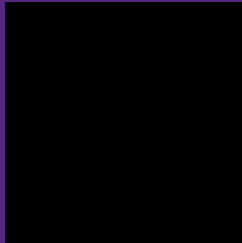
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 56.817, 312.991

Background



This preview shows how black text looks on a background with the CIELCh color 26, 56.817, 312.991.



This preview shows how white text looks on a background with the CIELCh color 26, 56.817, 312.991.

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

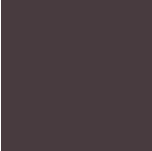
26, 56.817, 312.991

Protanopia

26, 44.049, 285.148

Deuteranopia

26, 32.206, 272.959



Tritanopia
26, 6.488, 356.996

Trichromacy



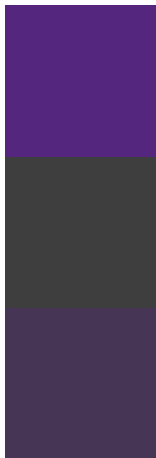
Original Color
26, 56.817, 312.991

Protanomaly
25, 49.125, 293.780

Deuteranomaly
24, 40.908, 289.974

Tritanomaly
25, 24.988, 317.778

Monochromacy



Original Color
26, 56.817, 312.991

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 22.168, 311.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 56.817, 312.991 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(84, 38, 126)` looks like.

```
.text, #text, p{  
    color:rgb(84, 38, 126)  
}
```

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(84, 38, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 38, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 56.817, 312.991 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(84, 38, 126) }
```

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

```
.border{ border-color:rgb(84, 38, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 38, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 38, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 38, 126);  
box-shadow:4px 4px 4px 4px rgb(84, 38,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 56.817, 312.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 38, 126) }
```

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

```
.background{ background-color: rgb(84, 38,  
126) }
```

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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