

Converting Colors

CIELCh(26, 53.677, 343.101)

Have a look what the booklet for
CIELCh(26, 53.677, 343.101)
contains.

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Color

CIELCh(26, 53.707, 343.400)

Conversions

Conversions Part 1

Format	Color
Hex	790156
RGB	121, 1, 86
RGB Percent	47%, 0%, 34%
CMY	0.5259, 0.9967, 0.6631
CMYK	0.00, 0.99, 0.29, 0.53
HSL	317°, 99%, 24%
HSV	317°, 99%, 47%
XYZ	9.5568, 4.7465, 9.1985
YIQ	46.5700, 44.2350, 51.8750

Conversions

Conversions Part 2

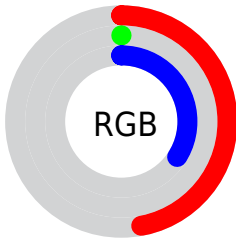
Format	Color
RYB	121, 1, 86
Decimal	7930198
CIELab	26.00, 51.47, -15.34
CIELCh	26, 53.707, 343.400
Yxy	4.7465, 0.4066, 0.2020
Android (android.graphics.Color)	4286120278 (0xFF790156)
YUV	46.5700, 19.4390, 65.2751
Hunter-Lab	21.7865, 40.1744, -9.7825

Details

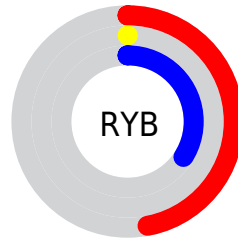
The CIELCh color **26, 53.707, 343.400** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **44, 60.064, 141.776**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 53.915, 343.298**, and **12, 34.397, 348.355** is the 20% darker color. If you saturate the color by 10%, you get **26, 53.811, 343.503**, and if you desaturate by 10%, it is **27, 52.240, 341.905**.

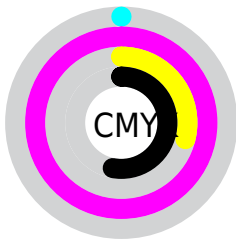
Distribution



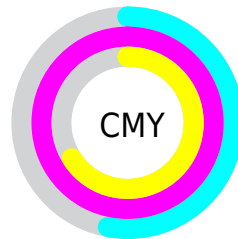
- Red (47%)
- Green (0%)
- Blue (34%)



- Red (47%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (99%)
- Yellow (29%)
- Black (53%)





- Cyan (53%)
- Magenta (100%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 53.707, 343.400 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, 53.707, 343.400 by changing the saturation by 10% instead.

 26, 53.707,
343.400


 26, 53.707,
343.400

 100, 53.707,
343.400

 16, 53.707,
343.400

 46, 53.707,
343.400

 6, 53.707, 343.400

 56, 53.707,
343.400

 0, 53.707, 343.400

 66, 53.707,
343.400

 76, 53.707,
343.400

 86, 53.707,
343.400

 96, 53.707,

343.400

■ 26, 53.707,
343.400

■ 26, 53.707,
343.400

■ 26, 53.811,
343.503

■ 27, 52.240,
341.905

■ 28, 49.739,
340.569

■ 30, 45.787,
339.427

■ 32, 40.620,
338.427

■ 35, 34.549,
337.527

■ 38, 27.880,
336.700

■ 41, 20.871,
335.930

■ 44, 13.722,
335.204

■ 48, 6.574, 334.507

Harmonies

Complementary

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



26, 53.707, 343.400



44, 60.064, 141.776

Rectangle

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



26, 53.707, 343.400



26, 53.707, 33.400



26, 53.707, 163.400



26, 53.707, 213.400

Sweetspot

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



26, 53.705, 343.400



53, 26.610, 336.039



14, 74.248, 308.400



25, 18.038, 336.295



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



26, 53.705, 343.400



35, 65.080, 344.008



24, 51.732, 25.615



24, 4.020, 334.491



27, 55.063, 343.571



56, 91.782, 344.667

Inverse Universe

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



26, 53.705, 343.400



35, 65.080, 344.008



45, 36.083, 170.066



24, 4.020, 334.491



27, 55.063, 343.571



56, 91.782, 344.667

Previews

White Background



This preview shows how the CIELCh color 26, 53.707, 343.400 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 CIE LCh color 26, 53.707, 343.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

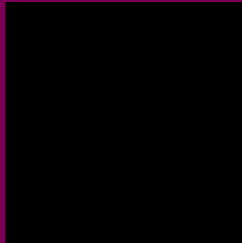
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 53.707, 343.400

Background



This preview shows how black text looks on a background with the CIELCh color 26, 53.707, 343.400.



This preview shows how white text looks on a background with the CIELCh color 26, 53.707, 343.400.

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, 53.707, 343.400

Protanopia
28, 38.427, 285.937

Deuteranopia
28, 10.395, 292.193



Tritanopia
27, 41.412, 28.894

Trichromacy



Original Color
26, 53.707, 343.400

Protanomaly
23, 45.958, 308.182

Deuteranomaly
24, 31.496, 328.983

Tritanomaly
26, 43.001, 7.909

Monochromacy



Original Color
26, 53.707, 343.400

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 27.104, 337.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 53.707, 343.400 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(121, 1, 86)` looks like.

```
.text, #text, p{  
    color:rgb(121, 1, 86)  
}
```

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(121, 1, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 1, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 53.707, 343.400 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(121, 1, 86) }
```

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

```
.border{ border-color:rgb(121, 1, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 1, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 1, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 1, 86);  
box-shadow:4px 4px 4px 4px rgb(121, 1, 86)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 53.707, 343.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 1, 86) }
```

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

```
.background{ background-color: rgb(121, 1,  
86) }
```

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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