

Converting Colors

CIELCh(26, 53.746, 344.614)

Have a look what the booklet for
CIELCh(26, 53.746, 344.614)
contains.

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Color

CIELCh(26, 53.475, 344.926)

Conversions

Conversions Part 1

Format	Color
Hex	7A0054
RGB	122, 0, 84
RGB Percent	48%, 0%, 33%
CMY	0.5226, 1.0000, 0.6714
CMYK	0.00, 1.00, 0.31, 0.52
HSL	319°, 100%, 24%
HSV	319°, 100%, 48%
XYZ	9.5774, 4.7465, 8.7542
YIQ	46.0540, 45.7480, 51.9880

Conversions

Conversions Part 2

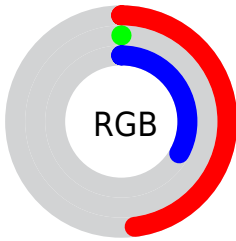
Format	Color
RYB	122, 0, 84
Decimal	7995476
CIELab	26.00, 51.63, -13.91
CIELCh	26, 53.475, 344.926
Yxy	4.7465, 0.4150, 0.2057
Android (android.graphics.Color)	4286185556 (0xFF7A0054)
YUV	46.0540, 18.7074, 66.6046
Hunter-Lab	21.7865, 40.3426, -8.5733

Details

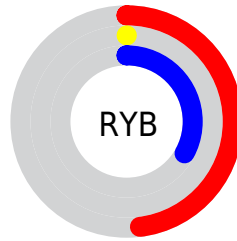
The CIELCh color **26, 53.475, 344.926** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **44, 59.759, 142.303**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 53.561, 344.688**, and **12, 34.100, 351.228** is the 20% darker color. If you saturate the color by 10%, you get **26, 53.386, 344.947**, and if you desaturate by 10%, it is **27, 51.964, 343.300**.

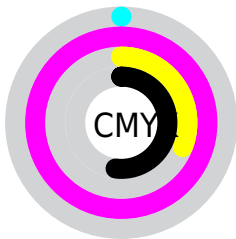
Distribution



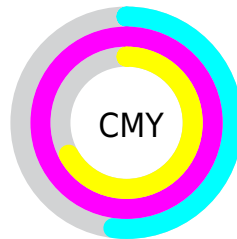
- Red (48%)
- Green (0%)
- Blue (33%)



- Red (48%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (52%)





- Cyan (52%)
- Magenta (100%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 53.475, 344.926 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, 53.475, 344.926 by changing the saturation by 10% instead.

 26, 53.475,
344.926


 26, 53.475,
344.926

 100, 53.475,
344.926


 16, 53.475,
344.926


 46, 53.475,
344.926


 6, 53.475, 344.926

 56, 53.475,
344.926

 0, 53.475, 344.926

 66, 53.475,
344.926

 76, 53.475,
344.926

 86, 53.475,
344.926

 96, 53.475,

344.926

■ 26, 53.475,
344.926

■ 26, 53.475,
344.926

■ 26, 53.386,
344.947

■ 27, 51.964,
343.300

■ 28, 49.597,
341.821

■ 30, 45.769,
340.573

■ 32, 40.709,
339.494

■ 35, 34.728,
338.536

■ 38, 28.134,
337.666

■ 41, 21.191,
336.862

■ 44, 14.101,
336.111

■ 48, 7.008, 335.395

Harmonies

Complementary

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



26, 53.475, 344.926



44, 59.759, 142.303

Rectangle

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



26, 53.475, 344.926



26, 53.475, 34.926



26, 53.475, 164.926



26, 53.475, 214.926

Sweetspot

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



26, 53.386, 344.947



52, 26.241, 336.919



14, 74.817, 308.661



25, 17.790, 337.184



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, 53.386, 344.947



35, 64.247, 345.492



24, 52.814, 27.262



24, 3.961, 335.328



27, 54.363, 345.006



56, 90.596, 346.222

Inverse Universe

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



26, 53.386, 344.947



35, 64.247, 345.492



45, 35.654, 171.565



24, 3.961, 335.328



27, 54.363, 345.006



56, 90.596, 346.222

Previews

White Background



This preview shows how the CIELCh color 26, 53.475, 344.926 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, 53.475, 344.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

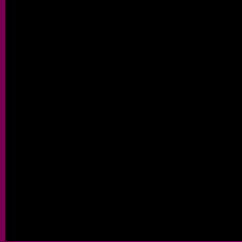
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 53.475, 344.926

Background



This preview shows how black text looks on a background with the CIELCh color 26, 53.475, 344.926.



This preview shows how white text looks on a background with the CIELCh color 26, 53.475, 344.926.

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, 53.475, 344.926

Protanopia
28, 37.090, 286.364

Deuteranopia
28, 9.114, 294.542



Tritanopia
27, 42.403, 29.268

Trichromacy



Original Color
26, 53.475, 344.926

Protanomaly
23, 44.783, 309.677

Deuteranomaly
24, 30.732, 331.213

Tritanomaly
26, 43.665, 9.721

Monochromacy



Original Color
26, 53.475, 344.926

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 27.589, 339.161

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 53.475, 344.926 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(122, 0, 84)` looks like.

```
.text, #text, p{  
    color:rgb(122, 0, 84)  
}
```

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(122, 0, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 0, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 53.475, 344.926 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(122, 0, 84) }
```

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

```
.border{ border-color:rgb(122, 0, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 0, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 0, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 0, 84);  
box-shadow:4px 4px 4px 4px rgb(122, 0, 84)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 53.475, 344.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 0, 84) }
```

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

```
.background{ background-color: rgb(122, 0,  
84) }
```

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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