

Converting Colors

CIELCh(26, 54.139, 342.220)

Have a look what the booklet for
CIELCh(26, 54.139, 342.220)
contains.

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Color

CIELCh(26, 54.192, 341.863)

Conversions

Conversions Part 1

Format	Color
Hex	780158
RGB	120, 1, 88
RGB Percent	47%, 0%, 35%
CMY	0.5285, 0.9946, 0.6541
CMYK	0.00, 0.99, 0.27, 0.53
HSL	316°, 98%, 24%
HSV	316°, 99%, 47%
XYZ	9.5607, 4.7465, 9.6868
YIQ	46.4990, 42.9970, 52.2850

Conversions

Conversions Part 2

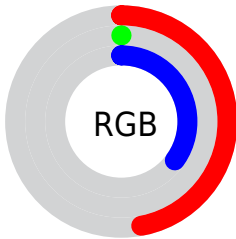
Format	Color
RYB	120, 1, 88
Decimal	7864664
CIELab	26.00, 51.50, -16.87
CIELCh	26, 54.192, 341.863
Yxy	4.7465, 0.3985, 0.1978
Android (android.graphics.Color)	4286054744 (0xFF780158)
YUV	46.4990, 20.4600, 64.4604
Hunter-Lab	21.7865, 40.2056, -11.1112

Details

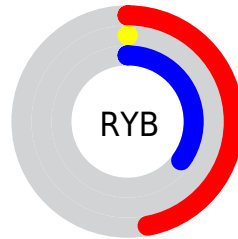
The CIELCh color **26, 54.192, 341.863** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **44, 60.547, 141.195**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 54.306, 341.934**, and **12, 34.659, 347.309** is the 20% darker color. If you saturate the color by 10%, you get **26, 54.369, 342.016**, and if you desaturate by 10%, it is **27, 52.674, 340.522**.

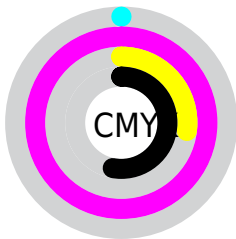
Distribution



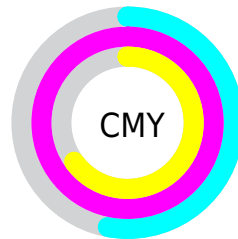
- Red (47%)
- Green (0%)
- Blue (35%)



- Red (47%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (99%)
- Yellow (27%)
- Black (53%)





- Cyan (53%)
- Magenta (99%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 54.192, 341.863 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, 54.192, 341.863 by changing the saturation by 10% instead.

 26, 54.192,
341.863

 26, 54.192,
341.863

 100, 54.192,
341.863

 16, 54.192,
341.863


 46, 54.192,
341.863

 6, 54.192, 341.863

 56, 54.192,
341.863

 0, 54.192, 341.863

 66, 54.192,
341.863

 76, 54.192,
341.863

 86, 54.192,
341.863

 96, 54.192,

341.863

■ 26, 54.192,
341.863

■ 26, 54.192,
341.863

■ 26, 54.369,
342.016

■ 27, 52.674,
340.522

■ 28, 50.065,
339.320

■ 30, 46.010,
338.279

■ 32, 40.750,
337.352

■ 35, 34.594,
336.508

■ 38, 27.846,
335.723

■ 41, 20.762,
334.984

■ 44, 13.539,
334.283

■ 47, 6.317, 333.604

Harmonies

Complementary

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



26, 54.192, 341.863



44, 60.547, 141.195

Rectangle

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



26, 54.192, 341.863



26, 54.192, 31.863



26, 54.192, 161.863



26, 54.192, 211.863

Sweetspot

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



26, 54.190, 341.863



52, 26.657, 335.121



14, 73.877, 308.158



25, 18.310, 335.371



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, 54.190, 341.863



34, 65.260, 342.451



24, 50.857, 24.030



24, 4.083, 333.621



27, 55.857, 342.087



56, 93.137, 343.061

Inverse Universe

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



26, 54.190, 341.863



34, 65.260, 342.451



45, 36.589, 168.595



24, 4.083, 333.621



27, 55.857, 342.087



56, 93.137, 343.061

Previews

White Background



This preview shows how the CIELCh color 26, 54.192, 341.863 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, 54.192, 341.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

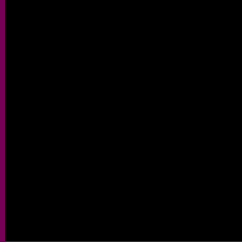
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 54.192, 341.863

Background



This preview shows how black text looks on a background with the CIELCh color 26, 54.192, 341.863.



This preview shows how white text looks on a background with the CIELCh color 26, 54.192, 341.863.

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, 54.192, 341.863

Protanopia

28, 40.356, 286.042

Deuteranopia

28, 11.703, 288.540



Tritanopia
27, 40.414, 28.522

Trichromacy



Original Color
26, 54.192, 341.863

Protanomaly
23, 47.084, 306.426

Deuteranomaly
24, 32.166, 326.201

Tritanomaly
26, 42.701, 7.317

Monochromacy



Original Color
26, 54.192, 341.863

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 27.743, 337.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 54.192, 341.863 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(120, 1, 88)` looks like.

```
.text, #text, p{  
    color:rgb(120, 1, 88)  
}
```

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(120, 1, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 1, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 54.192, 341.863 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(120, 1, 88) }
```

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

```
.border{ border-color:rgb(120, 1, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 1, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 1, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 1, 88);  
box-shadow:4px 4px 4px 4px rgb(120, 1, 88)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 54.192, 341.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 1, 88) }
```

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

```
.background{ background-color: rgb(120, 1,  
88) }
```

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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