

Converting Colors

CIELCh(26, 17.036, 346.904)

Have a look what the booklet for
CIELCh(26, 17.036, 346.904)
contains.

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Color

CIELCh(26, 17.198, 345.983)

Conversions

Conversions Part 1

Format	Color
Hex	533444
RGB	83, 52, 68
RGB Percent	33%, 20%, 27%
CMY	0.6736, 0.7952, 0.7324
CMYK	0.00, 0.37, 0.18, 0.67
HSL	329°, 23%, 27%
HSV	329°, 37%, 33%
XYZ	5.8774, 4.7465, 6.1123
YIQ	63.0930, 13.3400, 11.5480

Conversions

Conversions Part 2

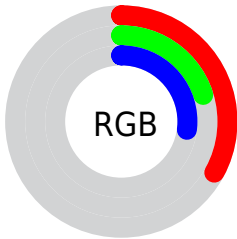
Format	Color
R_{YB}	83, 52, 68
Decimal	5452868
CIE _{Lab}	26.00, 16.69, -4.17
CIE _{LCh}	26, 17.198, 345.983
Yxy	4.7465, 0.3512, 0.2836
Android (android.graphics.Color)	4283642948 (0xFF533444)
YUV	63.0930, 2.4192, 17.4584
Hunter-Lab	21.7865, 10.0279, -1.3836

Details

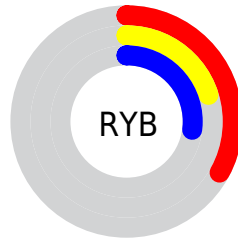
The CIELCh color $26, 17.198, 345.983$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $33, 16.556, 159.596$, and the grayscale version is $27, 0.004, 296.813$.

A 20% lighter version of the original color is $46, 17.137, 345.867$, and $6, 17.226, 345.836$ is the 20% darker color. If you saturate the color by 10%, you get $24, 21.730, 347.097$, and if you desaturate by 10%, it is $28, 12.548, 344.999$.

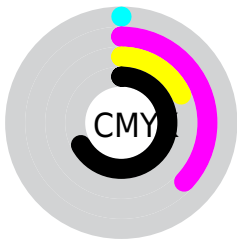
Distribution



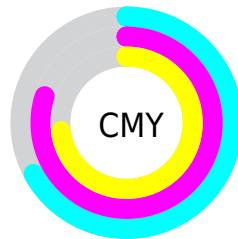
- Red (33%)
- Green (20%)
- Blue (27%)



- Red (33%)
- Yellow (20%)
- Blue (27%)



- Cyan (0%)
- Magenta (37%)
- Yellow (18%)
- Black (67%)





- Cyan (67%)
- Magenta (80%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 17.198, 345.983 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, 17.198, 345.983 by changing the saturation by 10% instead.

 26, 17.198,
345.983


 26, 17.198,
345.983

 100, 17.198,
345.983


 16, 17.198,
345.983


 46, 17.198,
345.983


 6, 17.198, 345.983

 56, 17.198,
345.983

 0, 17.198, 345.983

 66, 17.198,
345.983

 76, 17.198,
345.983

 86, 17.198,
345.983

 96, 17.198,

345.983

■ 26, 17.198,
345.983

■ 26, 17.198,
345.983

■ 24, 21.730,
347.097

■ 28, 12.548,
344.999

■ 22, 26.007,
348.380

■ 31, 7.888, 344.110

■ 20, 29.847,
349.890

■ 33, 3.284, 343.274

■ 36, 1.220, 162.783

■ 18, 33.051,
351.709

■ 39, 5.600, 161.973

■ 17, 35.434,
353.940

■ 41, 9.845, 161.332

■ 44, 13.952,
160.745

■ 16, 37.443,
356.334

■ 16, 38.053,
356.943

■ 47, 17.926,
160.200

■ 50, 21.771,
159.691

Harmonies

Complementary

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



26, 17.198, 345.983



33, 16.556, 159.596

Rectangle

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



26, 17.198, 345.983



26, 17.198, 35.983



26, 17.198, 165.983



26, 17.198, 215.983

Sweetspot

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



26, 17.197, 345.984



42, 6.155, 343.617



25, 21.406, 310.199



20, 4.090, 343.672



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



26, 17.197, 345.984



32, 25.494, 347.007



26, 15.079, 21.172



15, 2.491, 343.395



21, 44.405, 358.177



50, 79.035, 1.155

Inverse Universe

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



26, 17.197, 345.984



32, 25.494, 347.007



33, 11.999, 196.174



15, 2.491, 343.395



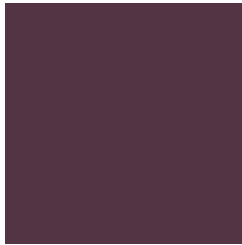
21, 44.405, 358.177



50, 79.035, 1.155

Previews

White Background



This preview shows how the CIE LCh color 26, 17.198, 345.983 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, 17.198, 345.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

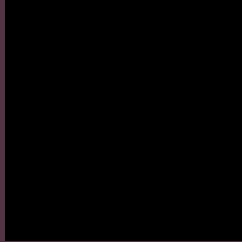
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 17.198, 345.983

Background



This preview shows how black text looks on a background with the CIELCh color 26, 17.198, 345.983.



This preview shows how white text looks on a background with the CIELCh color 26, 17.198, 345.983.

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, 17.198, 345.983

Protanopia

26, 8.541, 286.351

Deuteranopia

26, 5.323, 320.899



Tritanopia
26, 13.455, 11.098

Trichromacy



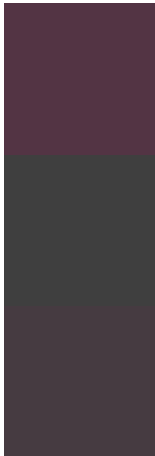
Original Color
26, 17.198, 345.983

Protanomaly
26, 10.190, 316.913

Deuteranomaly
26, 9.373, 336.999

Tritanomaly
26, 14.535, 358.859

Monochromacy



Original Color
26, 17.198, 345.983

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 6.331, 342.390

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 17.198, 345.983 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(83, 52, 68)` looks like.

```
.text, #text, p{  
    color:rgb(83, 52, 68)  
}
```

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(83, 52, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 52, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 17.198, 345.983 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(83, 52, 68) }
```

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

```
.border{ border-color:rgb(83, 52, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 52, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 52, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 52, 68);  
box-shadow:4px 4px 4px 4px rgb(83, 52, 68)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 17.198, 345.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 52, 68) }
```

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

```
.background{ background-color: rgb(83, 52,  
68) }
```

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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