

Converting Colors

CIELCh(26, 16.359, 337.195)

Have a look what the booklet for
CIELCh(26, 16.359, 337.195)
contains.

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Color

CIELCh(26, 16.611, 337.980)

Conversions

Conversions Part 1

Format	Color
Hex	503547
RGB	80, 53, 71
RGB Percent	31%, 21%, 28%
CMY	0.6852, 0.7911, 0.7205
CMYK	0.00, 0.34, 0.11, 0.69
HSL	320°, 20%, 26%
HSV	320°, 34%, 31%
XYZ	5.7634, 4.7465, 6.6196
YIQ	63.1250, 10.3140, 11.3220

Conversions

Conversions Part 2

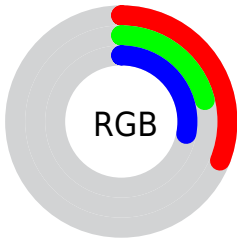
Format	Color
R_YB	80, 53, 71
Decimal	5256519
CIE Lab	26.00, 15.40, -6.23
CIE LCh	26, 16.611, 337.980
Yxy	4.7465, 0.3365, 0.2771
Android (android.graphics.Color)	4283446599 (0xFF503547)
YUV	63.1250, 3.8824, 14.7994
Hunter-Lab	21.7865, 9.0939, -2.7641

Details

The CIELCh color **26, 16.611, 337.980** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32, 16.382, 153.131**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 16.552, 338.798**, and **6, 16.628, 337.639** is the 20% darker color. If you saturate the color by 10%, you get **24, 21.441, 338.785**, and if you desaturate by 10%, it is **28, 11.662, 337.233**.

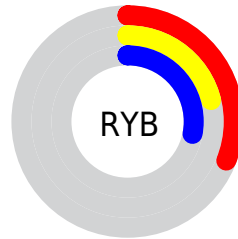
Distribution



Red (31%)

Green (21%)

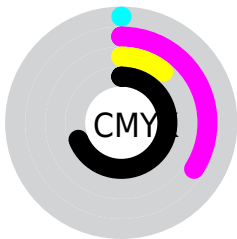
Blue (28%)



Red (31%)

Yellow (21%)

Blue (28%)

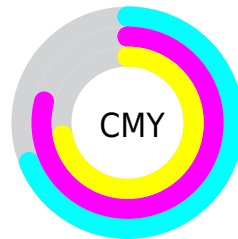


Cyan (0%)

Magenta (34%)

Yellow (11%)

Black (69%)



Cyan (69%)


Magenta (79%)


Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 16.611, 337.980 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, 16.611, 337.980 by changing the saturation by 10% instead.

 26, 16.611,
337.980


 26, 16.611,
337.980

 100, 16.611,
337.980


 16, 16.611,
337.980


 46, 16.611,
337.980


 6, 16.611, 337.980

 56, 16.611,
337.980

 0, 16.611, 337.980

 66, 16.611,
337.980

 76, 16.611,
337.980

 86, 16.611,
337.980

 96, 16.611,

337.980

■ 26, 16.611,
337.980

■ 26, 16.611,
337.980

■ 24, 21.441,
338.785

■ 28, 11.662,
337.233

■ 22, 26.021,
339.661

■ 31, 6.697, 336.527

■ 20, 30.179,
340.632

■ 33, 1.779, 335.800

■ 36, 3.048, 155.348

■ 18, 33.716,
341.732

■ 38, 7.759, 154.733

■ 17, 36.435,
343.006

■ 41, 12.343,
154.178

■ 16, 38.425,
344.437

■ 43, 16.794,
153.659

■ 15, 39.770,
345.288

■ 46, 21.113,
153.170

■ 49, 25.306,
152.709

Harmonies

Complementary

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



26, 16.611, 337.980



32, 16.382, 153.131

Rectangle

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



26, 16.611, 337.980



26, 16.611, 27.980



26, 16.611, 157.980



26, 16.611, 207.980

Sweetspot

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



26, 16.610, 337.981



41, 6.088, 336.299



24, 18.336, 305.003



20, 4.189, 336.355



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, 16.610, 337.981



32, 24.481, 338.601



26, 13.048, 9.198



15, 2.769, 336.187



22, 47.443, 346.109



51, 83.979, 347.809

Inverse Universe

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



26, 16.610, 337.981



32, 24.481, 338.601



32, 11.335, 183.108



15, 2.769, 336.187



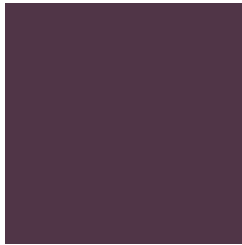
22, 47.443, 346.109



51, 83.979, 347.809

Previews

White Background



This preview shows how the CIELCh color 26, 16.611, 337.980 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, 16.611, 337.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

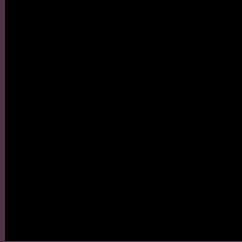
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 16.611, 337.980

Background



This preview shows how black text looks on a background with the CIELCh color 26, 16.611, 337.980.



This preview shows how white text looks on a background with the CIELCh color 26, 16.611, 337.980.

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, 16.611, 337.980

Protanopia

26, 10.522, 285.682

Deuteranopia

26, 6.809, 306.149



Tritanopia
26, 11.637, 5.612

Trichromacy



Original Color
26, 16.611, 337.980

Protanomaly
26, 11.714, 309.021

Deuteranomaly
26, 9.486, 325.262

Tritanomaly
26, 13.081, 352.345

Monochromacy



Original Color
26, 16.611, 337.980

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 6.420, 335.146

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 16.611, 337.980 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(80, 53, 71)` looks like.

```
.text, #text, p{  
    color:rgb(80, 53, 71)  
}
```

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(80, 53, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 53, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 16.611, 337.980 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(80, 53, 71) }
```

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

```
.border{ border-color:rgb(80, 53, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 53, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 53, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 53, 71);  
box-shadow:4px 4px 4px 4px rgb(80, 53, 71)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 16.611, 337.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 53, 71) }
```

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

```
.background{ background-color: rgb(80, 53,  
71) }
```

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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