

Converting Colors

CIELCh(26, 7.203, 336.699)

Have a look what the booklet for
CIELCh(26, 7.203, 336.699) contains.

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Color

CIELCh(26, 7.519, 336.738)

Conversions

Conversions Part 1

Format	Color
Hex	463A42
RGB	70, 58, 66
RGB Percent	27%, 23%, 26%
CMY	0.7248, 0.7719, 0.7405
CMYK	0.00, 0.17, 0.06, 0.72
HSL	320°, 9%, 25%
HSV	320°, 17%, 28%
XYZ	5.0478, 4.7465, 5.8304
YIQ	62.5000, 4.5840, 5.0320

Conversions

Conversions Part 2

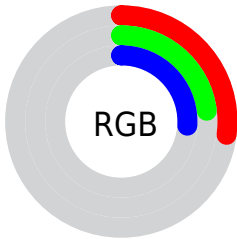
Format	Color
R_YB	70, 58, 66
Decimal	4602434
CIE Lab	26.00, 6.91, -2.97
CIE LCh	26, 7.519, 336.738
Yxy	4.7465, 0.3231, 0.3038
Android (android.graphics.Color)	4282792514 (0xFF463A42)
YUV	62.5000, 1.7255, 6.5775
Hunter-Lab	21.7865, 3.2310, -0.6163

Details

The CIELCh color **26, 7.519, 336.738** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **29, 7.457, 154.549**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 7.552, 335.292**, and **6, 6.983, 339.278** is the 20% darker color. If you saturate the color by 10%, you get **24, 11.961, 337.441**, and if you desaturate by 10%, it is **28, 3.102, 336.057**.

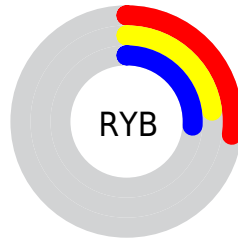
Distribution



Red (27%)

Green (23%)

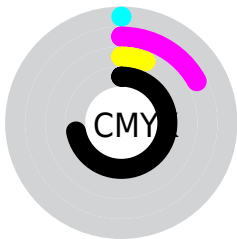
Blue (26%)



Red (27%)

Yellow (23%)

Blue (26%)

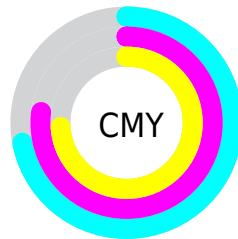


Cyan (0%)

Magenta (17%)

Yellow (6%)

Black (72%)



Cyan (72%)

Magenta (77%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 7.519, 336.738 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, 7.519, 336.738 by changing the saturation by 10% instead.

■ 26, 7.519, 336.738

■ 26, 7.519, 336.738

■ 100, 7.519,
336.738

■ 16, 7.519, 336.738

■ 46, 7.519, 336.738

■ 6, 7.519, 336.738

■ 56, 7.519, 336.738

■ 0, 7.519, 336.738

■ 66, 7.519, 336.738

■ 76, 7.519, 336.738

■ 86, 7.519, 336.738

■ 96, 7.519, 336.738

■ 26, 7.519, 336.738

■ 26, 7.519, 336.738

24, 11.961,
337.441

28, 3.102, 336.057

22, 16.365,
338.187

30, 1.245, 155.630

20, 20.641,
338.990

33, 5.497, 154.949

18, 24.662,
339.868

37, 13.667,
153.868

16, 28.276,
340.842

40, 17.579,
153.377

15, 31.310,
341.947

42, 21.378,
152.913

14, 33.609,
343.226

44, 25.069,
152.476

13, 35.782,
344.478

47, 28.656,
152.062

13, 36.469,

344.809

Harmonies

Complementary

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



26, 7.519, 336.738



29, 7.457, 154.549

Rectangle

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



26, 7.519, 336.738



26, 7.519, 26.738



26, 7.519, 156.738



26, 7.519, 206.738

Sweetspot

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



26, 7.518, 336.740



38, 2.724, 335.918



25, 8.123, 303.930



18, 1.831, 335.942



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



26, 7.518, 336.740



33, 11.561, 337.068



26, 5.700, 7.241



13, 2.470, 336.162



20, 45.859, 345.960



50, 82.608, 347.770

Inverse Universe

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



26, 7.518, 336.740



33, 11.561, 337.068



29, 5.333, 184.551



13, 2.470, 336.162



20, 45.859, 345.960



50, 82.608, 347.770

Previews

White Background



This preview shows how the CIELCh color 26, 7.519, 336.738 looks on a white background.

Color Contrast Check

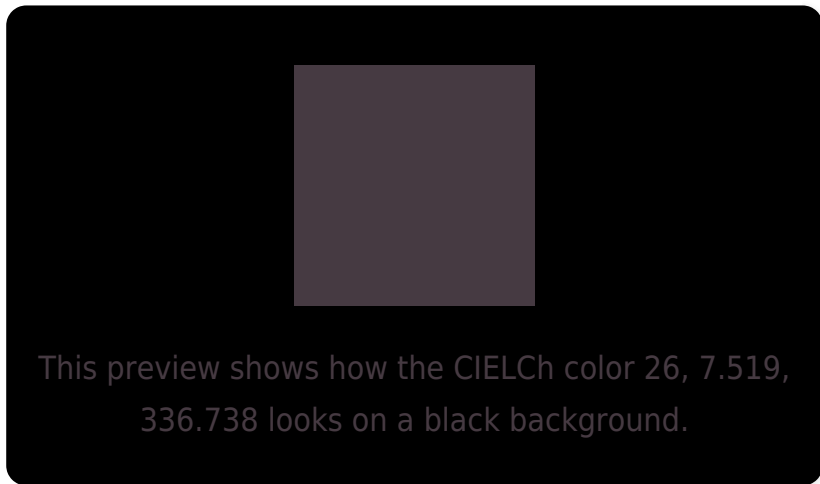
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

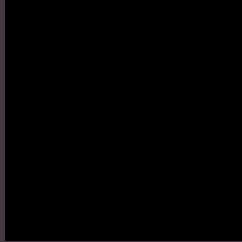
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 7.519, 336.738

Background



This preview shows how black text looks on a background with the CIELCh color 26, 7.519, 336.738.

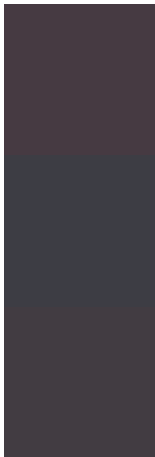


This preview shows how white text looks on a background with the CIELCh color 26, 7.519, 336.738.

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

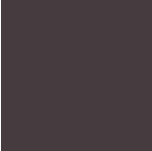
26, 7.519, 336.738

Protanopia

26, 4.590, 291.118

Deuteranopia

26, 4.772, 324.854



Tritanopia
26, 5.654, 353.000

Trichromacy



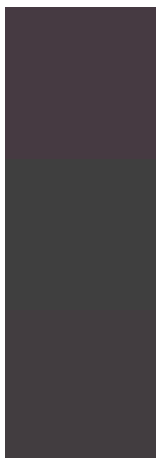
Original Color
26, 7.519, 336.738

Protanomaly
26, 4.940, 311.901

Deuteranomaly
26, 6.117, 332.037

Tritanomaly
26, 5.966, 347.387

Monochromacy



Original Color
26, 7.519, 336.738

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 2.997, 339.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 7.519, 336.738 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(70, 58, 66)` looks like.

```
.text, #text, p{  
    color:rgb(70, 58, 66)  
}
```

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(70, 58, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 58, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 7.519, 336.738 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(70, 58, 66) }
```

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

```
.border{ border-color:rgb(70, 58, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 58, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 58, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 58, 66);  
box-shadow:4px 4px 4px 4px rgb(70, 58, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 7.519, 336.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 58, 66) }
```

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

```
.background{ background-color: rgb(70, 58,  
66) }
```

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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