

Converting Colors

CIELCh(26, 5.716, 335.744)

Have a look what the booklet for
CIELCh(26, 5.716, 335.744) contains.

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Color

CIELCh(26, 5.652, 336.468)

Conversions

Conversions Part 1

Format	Color
Hex	443B41
RGB	68, 59, 65
RGB Percent	27%, 23%, 25%
CMY	0.7331, 0.7684, 0.7449
CMYK	0.00, 0.13, 0.04, 0.73
HSL	320°, 7%, 25%
HSV	320°, 13%, 27%
XYZ	4.9100, 4.7465, 5.6665
YIQ	62.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

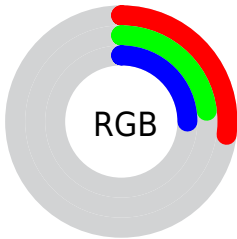
Format	Color
R_{YB}	68, 59, 65
Decimal	4471617
CIE Lab	26.00, 5.18, -2.26
CIE LCh	26, 5.652, 336.468
Yxy	4.7465, 0.3204, 0.3098
Android (android.graphics.Color)	4282661697 (0xFF443B41)
YUV	62.3750, 1.2941, 4.9331
Hunter-Lab	21.7865, 2.1022, -0.1704

Details

The CIELCh color **26, 5.652, 336.468** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **28, 5.613, 154.839**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 5.849, 334.805**, and **6, 5.481, 333.484** is the 20% darker color. If you saturate the color by 10%, you get **24, 9.977, 337.155**, and if you desaturate by 10%, it is **28, 1.369, 335.748**.

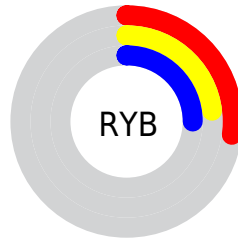
Distribution



Red (27%)

Green (23%)

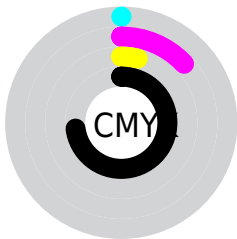
Blue (25%)



Red (27%)

Yellow (23%)

Blue (25%)

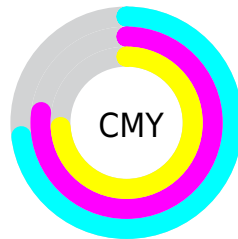


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (73%)



Cyan (73%)

Magenta (77%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 5.652, 336.468 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, 5.652, 336.468 by changing the saturation by 10% instead.

■ 26, 5.652, 336.468

■ 26, 5.652, 336.468

■ 100, 5.652,
336.468

■ 16, 5.652, 336.468

■ 46, 5.652, 336.468

■ 6, 5.652, 336.468

■ 56, 5.652, 336.468

■ 0, 5.652, 336.468

■ 66, 5.652, 336.468

■ 76, 5.652, 336.468

■ 86, 5.652, 336.468

■ 96, 5.652, 336.468

■ 26, 5.652, 336.468

■ 26, 5.652, 336.468

24, 9.977, 337.155

28, 1.369, 335.748

22, 14.295,
337.877

30, 2.835, 155.327

20, 18.527,
338.652

33, 6.940, 154.730

18, 22.566,
339.492

35, 10.937,
154.189

16, 26.275,
340.417

37, 14.821,
153.682

15, 29.493,
341.457

39, 18.593,
153.204

14, 32.053,
342.650

42, 22.258,
152.752

13, 34.174,
343.924

44, 25.819,
152.326

12, 35.770,
344.694

46, 29.283,
151.922

Harmonies

Complementary

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



26, 5.652, 336.468



28, 5.613, 154.839

Rectangle

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



26, 5.652, 336.468



26, 5.652, 26.468



26, 5.652, 156.468



26, 5.652, 206.468

Sweetspot

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



26, 5.651, 336.470



37, 2.128, 335.833



25, 6.085, 303.709



18, 1.525, 335.870



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, 5.651, 336.470



34, 8.583, 336.703



26, 4.253, 6.858



12, 2.317, 336.149



20, 45.061, 345.881



50, 81.919, 347.750

Inverse Universe

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



26, 5.651, 336.470



34, 8.583, 336.703



28, 4.042, 184.876



12, 2.317, 336.149



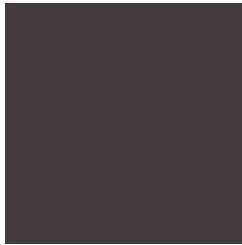
20, 45.061, 345.881



50, 81.919, 347.750

Previews

White Background



This preview shows how the CIELCh color 26, 5.652, 336.468 looks on a white background.

Color Contrast Check

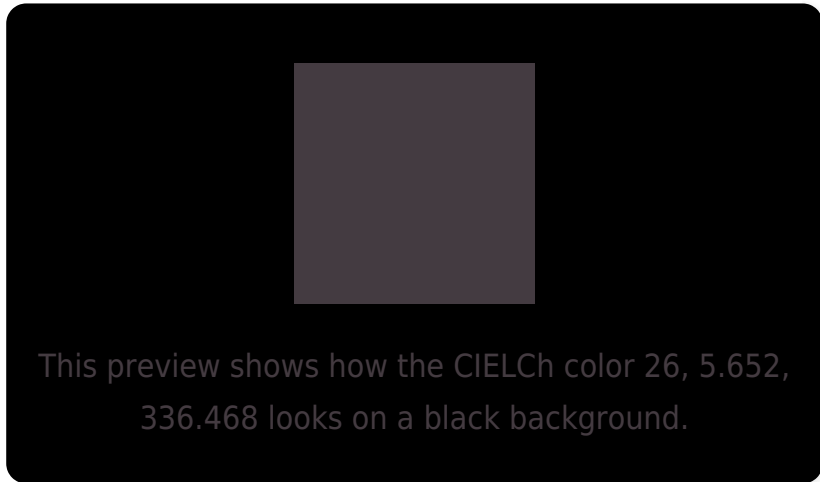
Large Text (above 18pt) WCAG AA ✓ Pass

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

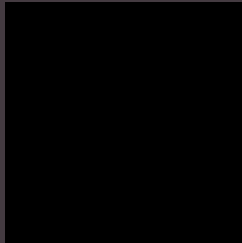
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 5.652, 336.468

Background



This preview shows how black text looks on a background with the CIELCh color 26, 5.652, 336.468.

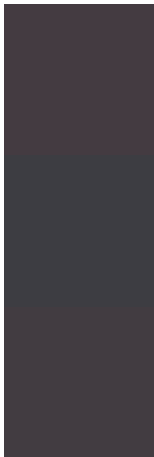


This preview shows how white text looks on a background with the CIELCh color 26, 5.652, 336.468.

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, 5.652, 336.468

Protanopia

26, 3.280, 290.856

Deuteranopia

26, 4.252, 329.841



Tritanopia
26, 5.229, 341.675

Trichromacy



Original Color

26, 5.652, 336.468

Protanomaly

26, 4.337, 314.982

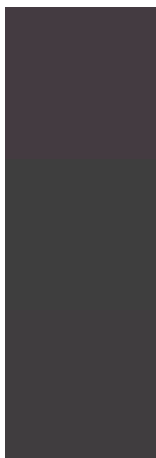
Deuteranomaly

26, 4.550, 334.301

Tritanomaly

26, 5.229, 341.675

Monochromacy



Original Color

26, 5.652, 336.468

Achromatopsia

26, 0.004, 296.813

Achromatomaly

26, 1.892, 335.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 5.652, 336.468 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(68, 59, 65)` looks like.

```
.text, #text, p{  
    color:rgb(68, 59, 65)  
}
```

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(68, 59, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 59, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 5.652, 336.468 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(68, 59, 65) }
```

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

```
.border{ border-color:rgb(68, 59, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 59, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 59, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 59, 65);  
box-shadow:4px 4px 4px 4px rgb(68, 59, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 5.652, 336.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 59, 65) }
```

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

```
.background{ background-color: rgb(68, 59,  
65) }
```

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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