

Converting Colors

CIELCh(26, 2.507, 210.203)

Have a look what the booklet for
CIELCh(26, 2.507, 210.203) contains.

CIELCh(26, 2.637, 199.044)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(26, 2.637, 199.044)

Conversions

Conversions Part 1

Format	Color
Hex	393F3F
RGB	57, 63, 63
RGB Percent	22%, 25%, 25%
CMY	0.7774, 0.7539, 0.7539
CMYK	0.10, 0.00, 0.00, 0.75
HSL	180°, 5%, 23%
HSV	180°, 10%, 25%
XYZ	4.3276, 4.7465, 5.3546
YIQ	61.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

Format	Color
R_{YB}	57, 60, 63
Decimal	3751743
CIE Lab	26.00, -2.49, -0.86
CIE LCh	26, 2.637, 199.044
Yxy	4.7465, 0.2999, 0.3290
Android (android.graphics.Color)	4281941823 (0xFF393F3F)
YUV	61.2060, 0.8844, -3.6887
Hunter-Lab	21.7865, -2.6695, 0.6786

Details

The CIELCh color **26, 2.637, 199.044** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24, 2.779, 19.829**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 2.808, 199.205**, and **6, 2.838, 199.446** is the 20% darker color. If you saturate the color by 10%, you get **25, 5.269, 198.533**, and if you desaturate by 10%, it is **27, 0.125, 17.472**.

Distribution



Red (22%)

Green (25%)

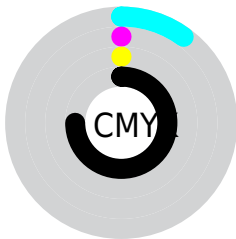
Blue (25%)



Red (22%)

Yellow (24%)

Blue (25%)



Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (75%)



Cyan (78%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 2.637, 199.044 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, 2.637, 199.044 by changing the saturation by 10% instead.

■ 26, 2.637, 199.044

■ 26, 2.637, 199.044

■ 100, 2.637,
199.044

■ 16, 2.637, 199.044

■ 46, 2.637, 199.044

■ 6, 2.637, 199.044

■ 56, 2.637, 199.044

■ 0, 2.637, 199.044

■ 66, 2.637, 199.044

■ 76, 2.637, 199.044

■ 86, 2.637, 199.044

■ 96, 2.637, 199.044

■ 26, 2.637, 199.044

■ 26, 2.637, 199.044

■ 25, 5.269, 198.533

■ 27, 0.125, 17.472

■ 25, 7.738, 198.103

■ 27, 2.988, 19.833

■ 25, 10.007,
197.720

■ 28, 5.923, 20.392

■ 24, 12.045,
197.382

■ 29, 8.908, 20.938

■ 24, 13.820,
197.092

■ 29, 11.922, 21.486

■ 24, 15.307,
196.852

■ 30, 14.950, 22.036

■ 31, 17.980, 22.586

■ 24, 16.492,
196.663

■ 32, 21.000, 23.133

■ 33, 24.004, 23.674

■ 23, 17.420,
196.515

■ 23, 18.340,
196.370

Harmonies

Complementary

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



26, 2.637, 199.044



24, 2.779, 19.829

Rectangle

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



26, 2.637, 199.044



26, 2.637, 249.044



26, 2.637, 19.044



26, 2.637, 69.044

Sweetspot

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



26, 2.637, 199.028



34, 1.043, 199.517



26, 4.777, 143.548



16, 0.777, 199.454



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



26, 2.637, 199.028



34, 3.762, 198.924



25, 2.324, 254.719



11, 1.504, 199.095



36, 24.217, 196.363



80, 45.116, 196.361

Inverse Universe

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



24, 2.779, 19.829



32, 4.007, 19.962



25, 2.373, 72.529



10, 1.574, 19.747



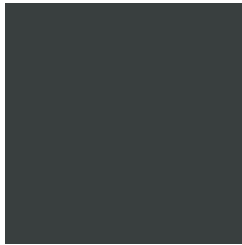
17, 47.177, 34.867



46, 94.126, 39.995

Previews

White Background



This preview shows how the CIELCh color 26, 2.637, 199.044 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

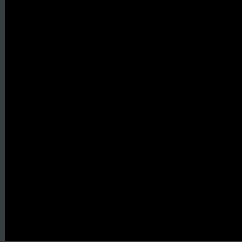
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

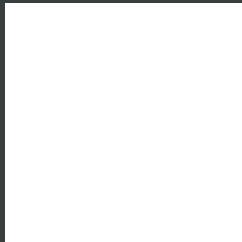
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 26, 2.637, 199.044

Background



This preview shows how black text looks on a background with the CIELCh color 26, 2.637, 199.044.

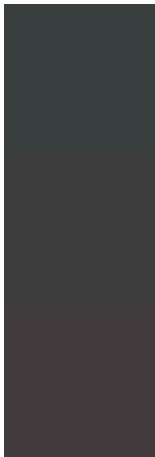


This preview shows how white text looks on a background with the CIELCh color 26, 2.637, 199.044.

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, 2.637, 199.044

Protanopia

26, 0.802, 324.379

Deuteranopia

26, 3.738, 348.454



Tritanopia
26, 3.873, 257.228

Trichromacy



Original Color

26, 2.637, 199.044

Protanomaly

26, 0.892, 199.520

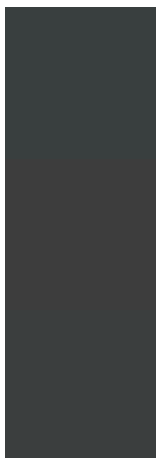
Deuteranomaly

26, 1.599, 324.522

Tritanomaly

26, 2.897, 242.054

Monochromacy



Original Color

26, 2.637, 199.044

Achromatopsia

26, 0.004, 296.813

Achromatomaly

26, 1.335, 199.353

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 2.637, 199.044 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(57, 63, 63)` looks like.

```
.text, #text, p{  
    color:rgb(57, 63, 63)  
}
```

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(57, 63, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 63, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 2.637, 199.044 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(57, 63, 63) }
```

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

```
.border{ border-color:rgb(57, 63, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 63, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 63, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 63, 63);  
box-shadow:4px 4px 4px 4px rgb(57, 63, 63)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 2.637, 199.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 63, 63) }
```

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

```
.background{ background-color: rgb(57, 63,  
63) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor