

Converting Colors

CIELCh(26, 2.440, 64.982)

Have a look what the booklet for
CIELCh(26, 2.440, 64.982) contains.

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Color

CIELCh(26, 2.687, 66.213)

Conversions

Conversions Part 1

Format	Color
Hex	413D3A
RGB	65, 61, 58
RGB Percent	25%, 24%, 23%
CMY	0.7456, 0.7613, 0.7731
CMYK	0.00, 0.06, 0.11, 0.75
HSL	26°, 6%, 24%
HSV	26°, 11%, 25%
XYZ	4.5929, 4.7465, 4.6594
YIQ	61.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

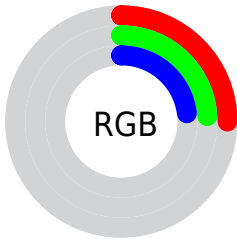
Format	Color
RYB	65, 63, 58
Decimal	4275514
CIELab	26.00, 1.08, 2.46
CIELCh	26, 2.687, 66.213
Yxy	4.7465, 0.3281, 0.3391
Android (android.graphics.Color)	4282465594 (0xFF413D3A)
YUV	61.8540, -1.9000, 2.7590
Hunter-Lab	21.7865, -0.4958, 2.5705

Details

The CIELCh color **26, 2.687, 66.213** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26, 2.600, 248.528**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 2.725, 60.108**, and **6, 2.953, 70.676** is the 20% darker color. If you saturate the color by 10%, you get **25, 5.313, 65.313**, and if you desaturate by 10%, it is **27, 0.189, 66.255**.

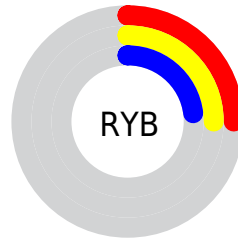
Distribution



Red (25%)

Green (24%)

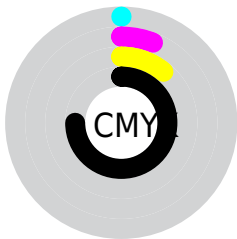
Blue (23%)



Red (25%)

Yellow (25%)

Blue (23%)

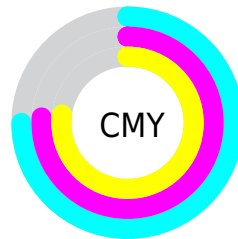


Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (75%)



Cyan (75%)

Magenta (76%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 2.687, 66.213 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, 2.687, 66.213 by changing the saturation by 10% instead.

■ 26, 2.687, 66.213 ■ 26, 2.687, 66.213

■ 100, 2.687, 66.213 ■ 16, 2.687, 66.213

■ 46, 2.687, 66.213 ■ 6, 2.687, 66.213

■ 56, 2.687, 66.213 ■ 0, 2.687, 66.213

■ 66, 2.687, 66.213

■ 76, 2.687, 66.213

■ 86, 2.687, 66.213

■ 96, 2.687, 66.213

■ 26, 2.687, 66.213 ■ 26, 2.687, 66.213

■ 25, 5.313, 65.313 ■ 27, 0.189, 66.255

23, 8.078, 64.376	29, 2.193, 248.300
22, 10.989, 63.447	30, 4.471, 249.192
21, 14.048, 62.534	32, 6.654, 250.096
20, 17.248, 61.638	33, 8.753, 250.984
18, 20.559, 60.743	34, 10.778, 251.850
17, 23.454, 59.149	36, 12.735, 252.689
16, 25.718, 56.798	37, 14.634, 253.501
15, 27.774, 54.993	39, 16.479, 254.283

Harmonies

Complementary

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



26, 2.687, 66.213



26, 2.600, 248.528

Rectangle

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



26, 2.687, 66.213



26, 2.687, 116.213



26, 2.687, 246.213



26, 2.687, 296.213

Sweetspot

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



26, 2.687, 66.236



35, 0.908, 66.790



25, 4.168, 340.106



17, 0.696, 66.775



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



26, 2.687, 66.236



34, 4.050, 65.985



27, 4.161, 105.618



12, 1.403, 66.431



24, 41.404, 56.555



56, 80.330, 54.605

Inverse Universe

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



26, 2.600, 248.528



33, 3.880, 248.833



25, 4.239, 287.641



12, 1.368, 248.298



22, 29.180, 272.759



53, 57.352, 276.810

Previews

White Background



This preview shows how the CIELCh color 26, 2.687, 66.213 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, 2.687, 66.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

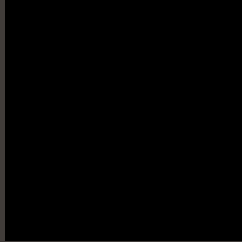
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 2.687, 66.213

Background



This preview shows how black text looks on a background with the CIELCh color 26, 2.687, 66.213.



This preview shows how white text looks on a background with the CIELCh color 26, 2.687, 66.213.

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, 2.687, 66.213

Protanopia

26, 2.158, 84.490

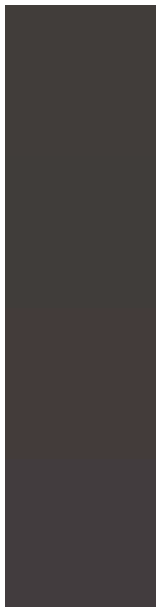
Deuteranopia

26, 4.716, 28.112



Tritanopia
26, 4.252, 329.841

Trichromacy



Original Color

26, 2.687, 66.213

Protanomaly

26, 2.391, 74.356

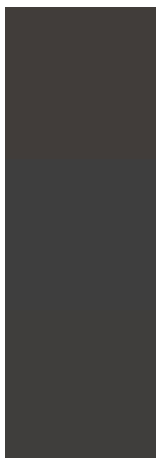
Deuteranomaly

26, 3.505, 41.679

Tritanomaly

26, 3.031, 354.368

Monochromacy



Original Color

26, 2.687, 66.213

Achromatopsia

26, 0.004, 296.813

Achromatomaly

26, 1.374, 90.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 2.687, 66.213 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(65, 61, 58)` looks like.

```
.text, #text, p{  
    color:rgb(65, 61, 58)  
}
```

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(65, 61, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 61, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 2.687, 66.213 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(65, 61, 58) }
```

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

```
.border{ border-color:rgb(65, 61, 58) }
```

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

Here you see how a box with a 4 pixel rgb(65, 61, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 61, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 61, 58);  
box-shadow:4px 4px 4px 4px rgb(65, 61, 58)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 2.687, 66.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 61, 58) }
```

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

```
.background{ background-color: rgb(65, 61,  
58) }
```

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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