

Converting Colors

CIELCh(26, 15.922, 303.935)

Have a look what the booklet for
CIELCh(26, 15.922, 303.935)
contains.

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Color

CIELCh(26, 16.055, 303.291)

Conversions

Conversions Part 1

Format	Color
Hex	413A52
RGB	65, 58, 82
RGB Percent	25%, 23%, 32%
CMY	0.7454, 0.7729, 0.6788
CMYK	0.21, 0.29, 0.00, 0.68
HSL	257°, 17%, 27%
HSV	257°, 29%, 32%
XYZ	5.2028, 4.7465, 8.6069
YIQ	62.8290, -3.5320, 8.9480

Conversions

Conversions Part 2

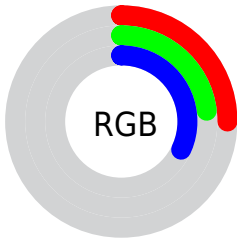
Format	Color
RYB	65, 58, 82
Decimal	4274770
CIELab	26.00, 8.81, -13.42
CIELCh	26, 16.055, 303.291
Yxy	4.7465, 0.2804, 0.2558
Android (android.graphics.Color)	4282464850 (0xFF413A52)
YUV	62.8290, 9.4513, 1.9040
Hunter-Lab	21.7865, 4.5012, -8.1725

Details

The CIELCh color **26, 16.055, 303.291** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34, 15.221, 119.920**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 15.835, 303.283**, and **6, 15.719, 302.960** is the 20% darker color. If you saturate the color by 10%, you get **23, 21.869, 304.050**, and if you desaturate by 10%, it is **29, 10.405, 302.603**.

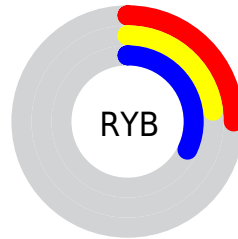
Distribution



Red (25%)

Green (23%)

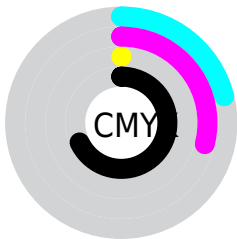
Blue (32%)



Red (25%)

Yellow (23%)

Blue (32%)

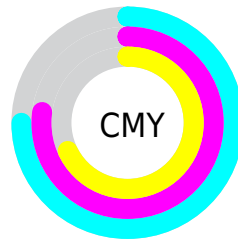


Cyan (21%)

Magenta (29%)

Yellow (0%)

Black (68%)



Cyan (75%)


Magenta (77%)


Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 16.055, 303.291 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, 16.055, 303.291 by changing the saturation by 10% instead.

 26, 16.055,
303.291


 26, 16.055,
303.291

 100, 16.055,
303.291


 16, 16.055,
303.291


 46, 16.055,
303.291


 6, 16.055, 303.291

 56, 16.055,
303.291

 0, 16.055, 303.291

 66, 16.055,
303.291

 76, 16.055,
303.291

 86, 16.055,
303.291

 96, 16.055,

303.291

■ 26, 16.055,
303.291

■ 26, 16.055,
303.291

■ 23, 21.869,
304.050

■ 29, 10.405,
302.603

■ 20, 27.821,
304.873

■ 32, 4.932, 301.988

■ 17, 33.844,
305.737

■ 35, 0.364, 121.516

■ 38, 5.490, 120.977

■ 14, 39.809,
306.599

■ 41, 10.452,
120.556

■ 12, 45.484,
307.383

■ 44, 15.259,
120.190

■ 10, 50.527,
307.988

■ 47, 19.920,
119.870

■ 7, 55.909, 308.894

■ 50, 24.442,
119.593

■ 7, 56.307, 308.965

■ 53, 28.834,
119.351

Harmonies

Complementary

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



26, 16.055, 303.291



34, 15.221, 119.920

Rectangle

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



26, 16.055, 303.291



26, 16.055, 353.291



26, 16.055, 123.291



26, 16.055, 173.291

Sweetspot

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



26, 16.054, 303.291



42, 5.962, 301.990



31, 7.948, 231.820



20, 4.100, 302.042



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, 16.054, 303.291



32, 24.200, 303.811



27, 17.481, 319.479



15, 2.955, 301.955



11, 67.094, 308.709



32, 121.295, 308.091

Inverse Universe

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



28, 15.132, 335.835



35, 22.534, 336.336



33, 17.248, 136.959



15, 2.853, 334.445



22, 48.666, 343.197



52, 86.181, 344.582

Previews

White Background



This preview shows how the CIE LCh color 26, 16.055, 303.291 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 CIELCh color 26, 16.055, 303.291 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, 16.055, 303.291

Background



This preview shows how black text looks on a background with the CIELCh color 26, 16.055, 303.291.

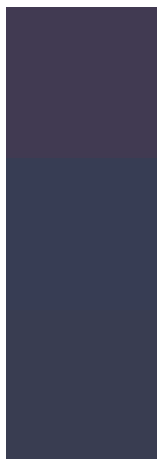


This preview shows how white text looks on a background with the CIELCh color 26, 16.055, 303.291.

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, 16.055, 303.291

Protanopia

26, 15.155, 284.527

Deuteranopia

26, 13.144, 285.957



Tritanopia
26, 3.315, 298.457

Trichromacy



Original Color
26, 16.055, 303.291

Protanomaly
26, 15.071, 291.696

Deuteranomaly
26, 13.769, 292.920

Tritanomaly
26, 7.999, 300.912

Monochromacy



Original Color
26, 16.055, 303.291

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 6.054, 303.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 16.055, 303.291 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, 58, 82)` looks like.

```
.text, #text, p{  
    color:rgb(65, 58, 82)  
}
```

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, 58, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 58, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 16.055, 303.291 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, 58, 82) }
```

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

```
.border{ border-color:rgb(65, 58, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 58, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 58, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 58, 82);  
box-shadow:4px 4px 4px 4px rgb(65, 58, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 16.055, 303.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 58, 82) }
```

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

```
.background{ background-color: rgb(65, 58,  
82) }
```

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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