

Converting Colors

CIELCh(26, 34.294, 311.414)

Have a look what the booklet for
CIELCh(26, 34.294, 311.414)
contains.

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Color

CIELCh(26, 34.442, 311.160)

Conversions

Conversions Part 1

Format	Color
Hex	4B3265
RGB	75, 50, 101
RGB Percent	29%, 20%, 40%
CMY	0.7050, 0.8031, 0.6031
CMYK	0.26, 0.50, 0.00, 0.60
HSL	269°, 34%, 30%
HSV	269°, 50%, 40%
XYZ	6.4272, 4.7465, 12.9455
YIQ	63.2890, -1.4710, 21.1610

Conversions

Conversions Part 2

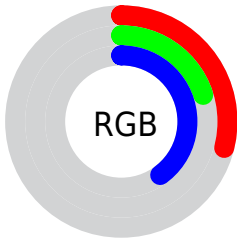
Format	Color
R_{YB}	75, 50, 101
Decimal	4928101
CIE _{Lab}	26.00, 22.67, -25.93
CIE _{LCh}	26, 34.442, 311.160
Yxy	4.7465, 0.2665, 0.1968
Android (android.graphics.Color)	4283118181 (0xFF4B3265)
YUV	63.2890, 18.5915, 10.2705
Hunter-Lab	21.7865, 14.5326, -19.9794

Details

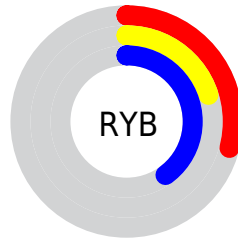
The CIELCh color **26, 34.442, 311.160** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **40, 32.075, 126.528**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 34.278, 311.113**, and **6, 34.804, 311.485** is the 20% darker color. If you saturate the color by 10%, you get **23, 41.354, 311.645**, and if you desaturate by 10%, it is **29, 27.417, 310.642**.

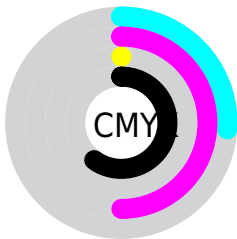
Distribution



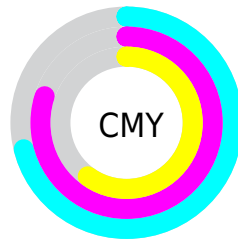
- Red (29%)
- Green (20%)
- Blue (40%)



- Red (29%)
- Yellow (20%)
- Blue (40%)



- Cyan (26%)
- Magenta (50%)
- Yellow (0%)
- Black (60%)





- Cyan (71%)
- Magenta (80%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 34.442, 311.160 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, 34.442, 311.160 by changing the saturation by 10% instead.

 26, 34.442,
311.160


 26, 34.442,
311.160

 100, 34.442,
311.160


 16, 34.442,
311.160


 46, 34.442,
311.160


 6, 34.442, 311.160

 56, 34.442,
311.160

 0, 34.442, 311.160

 66, 34.442,
311.160

 76, 34.442,
311.160

 86, 34.442,
311.160

 96, 34.442,

311.160

■ 26, 34.442,
311.160

■ 26, 34.442,
311.160

■ 23, 41.354,
311.645

■ 29, 27.417,
310.642

■ 20, 47.931,
312.046

■ 33, 20.423,
310.125

■ 17, 53.844,
312.289

■ 36, 13.540,
309.628

■ 15, 58.677,
312.282

■ 39, 6.814, 309.160

■ 13, 63.081,
312.324

■ 43, 0.267, 308.485

■ 46, 6.092, 128.375

■ 50, 12.264,
128.026

■ 53, 18.253,
127.720

■ 56, 24.066,
127.450

Harmonies

Complementary

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



26, 34.442, 311.160



40, 32.075, 126.528

Rectangle

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



26, 34.442, 311.160



26, 34.442, 1.160



26, 34.442, 131.160



26, 34.442, 181.160

Sweetspot

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



26, 34.441, 311.160



49, 12.346, 309.392



32, 17.624, 262.249



24, 8.371, 309.461



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



26, 34.441, 311.160



31, 51.268, 311.707



29, 36.967, 326.417



19, 3.693, 309.094



16, 69.044, 312.159



38, 120.504, 311.488

Inverse Universe

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



28, 27.033, 348.025



35, 39.357, 349.677



38, 37.071, 140.320



20, 2.998, 343.771



23, 47.297, 359.188



52, 81.536, 1.875

Previews

White Background



This preview shows how the CIELCh color 26, 34.442, 311.160 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, 34.442, 311.160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

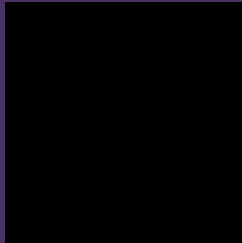
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 34.442, 311.160

Background



This preview shows how black text looks on a background with the CIELCh color 26, 34.442, 311.160.



This preview shows how white text looks on a background with the CIELCh color 26, 34.442, 311.160.

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, 34.442, 311.160

Protanopia

26, 33.498, 285.994

Deuteranopia

26, 24.699, 279.368



Tritanopia
26, 5.591, 344.708

Trichromacy



Original Color
26, 34.442, 311.160

Protanomaly
26, 33.383, 294.414

Deuteranomaly
26, 27.500, 292.037

Tritanomaly
26, 15.784, 316.241

Monochromacy



Original Color
26, 34.442, 311.160

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 13.076, 309.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 34.442, 311.160 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(75, 50, 101)` looks like.

```
.text, #text, p{  
    color:rgb(75, 50, 101)  
}
```

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(75, 50, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 50, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 34.442, 311.160 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(75, 50, 101) }
```

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

```
.border{ border-color:rgb(75, 50, 101) }
```

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

Here you see how a box with a 4 pixel rgb(75, 50, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 50, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 50, 101);  
box-shadow:4px 4px 4px 4px rgb(75, 50,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 34.442, 311.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 50, 101) }
```

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

```
.background{ background-color: rgb(75, 50,  
101) }
```

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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