

Converting Colors

CIELCh(26, 41.021, 307.910)

Have a look what the booklet for
CIELCh(26, 41.021, 307.910)
contains.

CIELCh(26, 41.021, 307.910)	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, 41.021, 307.910)

Conversions

Conversions Part 1

Format	Color
Hex	48316F
RGB	72, 49, 111
RGB Percent	28%, 19%, 44%
CMY	0.7169, 0.8072, 0.5640
CMYK	0.35, 0.56, 0.00, 0.56
HSL	262°, 39%, 31%
HSV	262°, 56%, 44%
XYZ	6.6702, 4.7465, 15.6562
YIQ	62.9450, -6.1940, 24.1580

Conversions

Conversions Part 2

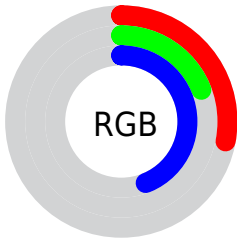
Format	Color
R_{YB}	72, 49, 111
Decimal	4731247
CIE _{Lab}	26.00, 25.20, -32.36
CIE _{LCh}	26, 41.021, 307.910
Yxy	4.7465, 0.2464, 0.1753
Android (android.graphics.Color)	4282921327 (0xFF48316F)
YUV	62.9450, 23.6911, 7.9412
Hunter-Lab	21.7865, 16.5237, -27.3564

Details

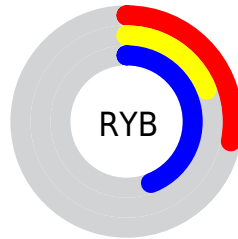
The CIELCh color **26, 41.021, 307.910** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **44, 36.924, 121.787**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 40.934, 307.990**, and **6, 41.484, 307.869** is the 20% darker color. If you saturate the color by 10%, you get **23, 48.557, 308.596**, and if you desaturate by 10%, it is **30, 33.356, 307.198**.

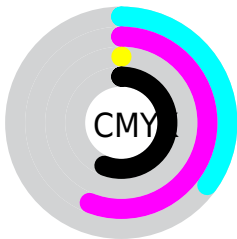
Distribution



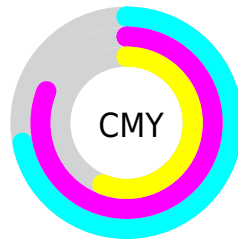
- Red (28%)
- Green (19%)
- Blue (44%)



- Red (28%)
- Yellow (19%)
- Blue (44%)



- Cyan (35%)
- Magenta (56%)
- Yellow (0%)
- Black (56%)





- Cyan (72%)
- Magenta (81%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 41.021, 307.910 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, 41.021, 307.910 by changing the saturation by 10% instead.

 26, 41.021,
307.910


 26, 41.021,
307.910

 100, 41.021,
307.910


 16, 41.021,
307.910


 46, 41.021,
307.910


 6, 41.021, 307.910

 56, 41.021,
307.910

 0, 41.021, 307.910

 66, 41.021,
307.910

 76, 41.021,
307.910

 86, 41.021,
307.910

 96, 41.021,

307.910

■ 26, 41.021,
307.910

■ 26, 41.021,
307.910

■ 23, 48.557,
308.596

■ 30, 33.356,
307.198

■ 19, 55.658,
309.181

■ 33, 25.745,
306.503

■ 17, 61.855,
309.556

■ 37, 18.284,
305.853

■ 14, 66.879,
309.694

■ 41, 11.022,
305.257

■ 13, 69.126,
309.852

■ 45, 3.978, 304.716

■ 49, 2.845, 124.270

■ 52, 9.449, 123.839

■ 56, 15.844,
123.470

■ 60, 22.038,
123.148

Harmonies

Complementary

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



26, 41.021, 307.910



44, 36.924, 121.787

Rectangle

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



26, 41.021, 307.910



26, 41.021, 357.910



26, 41.021, 127.910



26, 41.021, 177.910

Sweetspot

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



26, 41.020, 307.910



52, 14.829, 305.353



36, 18.516, 248.620



26, 10.019, 305.439



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



26, 41.020, 307.910



30, 61.584, 308.789



30, 42.866, 323.078



21, 3.916, 304.886



15, 73.000, 309.765



36, 125.525, 309.187

Inverse Universe

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



30, 34.276, 342.020



37, 49.260, 343.610



42, 42.472, 137.291



22, 3.530, 337.894



25, 51.058, 349.337



54, 86.288, 351.018

Previews

White Background



This preview shows how the CIELCh color 26, 41.021, 307.910 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, 41.021, 307.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

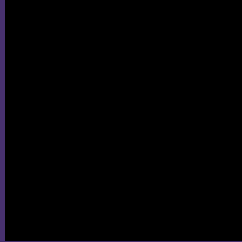
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 41.021, 307.910

Background



This preview shows how black text looks on a background with the CIELCh color 26, 41.021, 307.910.



This preview shows how white text looks on a background with the CIELCh color 26, 41.021, 307.910.

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, 41.021, 307.910

Protanopia

26, 40.690, 285.851

Deuteranopia

26, 30.376, 276.302



Tritanopia
26, 3.406, 305.821

Trichromacy



Original Color
26, 41.021, 307.910

Protanomaly
26, 40.539, 291.865

Deuteranomaly
26, 33.499, 288.250

Tritanomaly
26, 16.882, 305.700

Monochromacy



Original Color
26, 41.021, 307.910

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 15.493, 305.149

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 41.021, 307.910 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(72, 49, 111)` looks like.

```
.text, #text, p{  
    color:rgb(72, 49, 111)  
}
```

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(72, 49, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 49, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 41.021, 307.910 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(72, 49, 111) }
```

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

```
.border{ border-color:rgb(72, 49, 111) }
```

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

Here you see how a box with a 4 pixel rgb(72, 49, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 49, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 49, 111);  
box-shadow:4px 4px 4px 4px rgb(72, 49,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 41.021, 307.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 49, 111) }
```

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

```
.background{ background-color: rgb(72, 49,  
111) }
```

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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