

Converting Colors

CIELCh(46, 26.845, 292.503)

Have a look what the booklet for
CIELCh(46, 26.845, 292.503)
contains.

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Color

CIELCh(46, 26.774, 292.310)

Conversions

Conversions Part 1

Format	Color
Hex	676996
RGB	103, 105, 150
RGB Percent	40%, 41%, 59%
CMY	0.5950, 0.5872, 0.4106
CMYK	0.31, 0.30, 0.00, 0.41
HSL	237°, 19%, 50%
HSV	237°, 31%, 59%
XYZ	16.2320, 15.2687, 31.0666
YIQ	109.5320, -15.6370, 13.5710

Conversions

Conversions Part 2

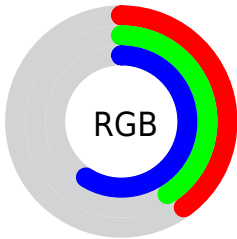
Format	Color
R _Y B	103, 105, 150
Decimal	6777238
CIE Lab	46.00, 10.16, -24.77
CIE LCh	46, 26.774, 292.310
Yxy	15.2687, 0.2594, 0.2440
Android (android.graphics.Color)	4284967318 (0xFF676996)
YUV	109.5320, 19.9507, -5.7286
Hunter-Lab	39.0751, 5.7683, -19.7859

Details

The CIELCh color `46, 26.774, 292.310` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `61, 25.015, 105.370`, and the grayscale version is `46, 0.006, 296.813`.

A 20% lighter version of the original color is `66, 26.648, 292.192`, and `26, 26.845, 292.503` is the 20% darker color. If you saturate the color by 10%, you get `41, 36.056, 294.000`, and if you desaturate by 10%, it is `51, 17.858, 290.859`.

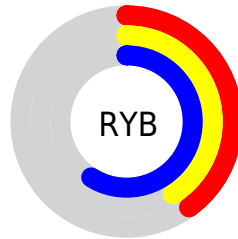
Distribution



Red (40%)

Green (41%)

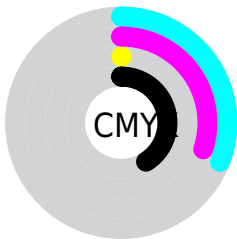
Blue (59%)



Red (40%)

Yellow (41%)

Blue (59%)

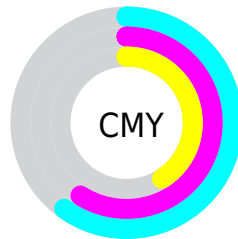


Cyan (31%)

Magenta (30%)

Yellow (0%)

Black (41%)



Cyan (60%)


Magenta (59%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 26.774, 292.310 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 46, 26.774, 292.310 by changing the saturation by 10% instead.


 46, 26.774,
292.310


 46, 26.774,
292.310


 100, 26.774,
292.310


 36, 26.774,
292.310

 66, 26.774,
292.310


 26, 26.774,
292.310

 76, 26.774,
292.310

 16, 26.774,
292.310

 86, 26.774,
292.310

 6, 26.774, 292.310

 96, 26.774,
292.310

 0, 26.774, 292.310

 46, 26.774,

 46, 26.774,

292.310

41, 36.056,
294.000

36, 45.708,
295.940

31, 55.661,
298.106

26, 65.682,
300.406

22, 75.206,
302.647

19, 83.186,
304.539

17, 88.090,
305.635

292.310

51, 17.858,
290.859

56, 9.289, 289.623

62, 1.041, 288.622

67, 6.910, 107.646

72, 14.586,
106.876

77, 22.006,
106.210

82, 29.185,
105.634

87, 36.139,
105.132

92, 42.882,

Harmonies

Complementary

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



46, 26.774, 292.310



61, 25.015, 105.370

Rectangle

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



46, 26.774, 292.310



46, 26.774, 342.310



46, 26.774, 112.310



46, 26.774, 162.310

Sweetspot

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



46, 26.773, 292.310



74, 9.182, 289.389



59, 16.763, 193.278



38, 6.447, 289.539



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



46, 26.773, 292.310



55, 41.064, 293.553



47, 28.959, 308.898



29, 4.574, 289.389



15, 82.439, 305.564



0, 3.939, 288.435

Inverse Universe

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



49, 20.264, 18.742



59, 31.342, 19.808



59, 27.609, 125.833



29, 3.345, 16.459



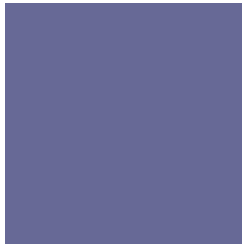
28, 63.753, 37.234



1, 2.836, 15.882

Previews

White Background



This preview shows how the CIE LCh color 46, 26.774, 292.310 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 × Fail

Black Background



This preview shows how the CIE LCh color 46, 26.774, 292.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

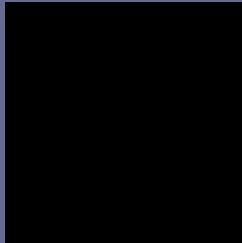
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 26.774, 292.310

Background



This preview shows how black text looks on a background with the CIELCh color 46, 26.774, 292.310.



This preview shows how white text looks on a background with the CIELCh color 46, 26.774, 292.310.

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

46, 26.774, 292.310

Protanopia

46, 26.898, 285.278

Deuteranopia

46, 25.700, 285.375



Tritanopia
46, 7.451, 245.060

Trichromacy



Original Color
46, 26.774, 292.310

Protanomaly
46, 26.817, 288.041

Deuteranomaly
46, 26.208, 288.526

Tritanomaly
46, 13.475, 276.165

Monochromacy



Original Color
46, 26.774, 292.310

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 10.109, 291.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 26.774, 292.310 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(103, 105, 150)` looks like.

```
.text, #text, p{  
    color:rgb(103, 105, 150)  
}
```

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(103, 105, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 105, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 26.774, 292.310 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(103, 105, 150) }
```

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

```
.border{ border-color:rgb(103, 105, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 105, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 105, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 105, 150);  
box-shadow:4px 4px 4px 4px rgb(103, 105,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 26.774, 292.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 105, 150) }
```

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

```
.background{ background-color: rgb(103,  
105, 150) }
```

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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