

Converting Colors

CIELCh(47, 26.218, 292.436)

Have a look what the booklet for
CIELCh(47, 26.218, 292.436)
contains.

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Color

CIELCh(47, 26.060, 292.111)

Conversions

Conversions Part 1

Format	Color
Hex	6A6C98
RGB	106, 108, 152
RGB Percent	42%, 42%, 60%
CMY	0.5848, 0.5769, 0.4044
CMYK	0.30, 0.29, 0.00, 0.40
HSL	237°, 18%, 51%
HSV	237°, 30%, 60%
XYZ	16.9363, 16.0195, 31.8502
YIQ	112.4180, -15.3160, 13.2600

Conversions

Conversions Part 2

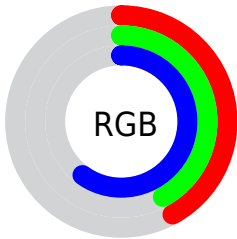
Format	Color
R_{YB}	106, 108, 152
Decimal	6974616
CIE Lab	47.00, 9.81, -24.14
CIE LCh	47, 26.060, 292.111
Yxy	16.0195, 0.2613, 0.2472
Android (android.graphics.Color)	4285164696 (0xFF6A6C98)
YUV	112.4180, 19.5139, -5.6286
Hunter-Lab	40.0243, 5.4899, -19.1643

Details

The CIELCh color $47, 26.060, 292.111$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $61, 24.413, 105.410$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 26.007, 292.076$, and $27, 26.008, 292.090$ is the 20% darker color. If you saturate the color by 10%, you get $42, 35.373, 293.780$, and if you desaturate by 10%, it is $52, 17.114, 290.680$.

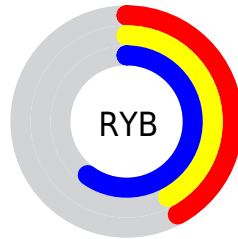
Distribution



Red (42%)

Green (42%)

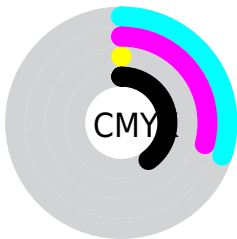
Blue (60%)



Red (42%)

Yellow (42%)

Blue (60%)

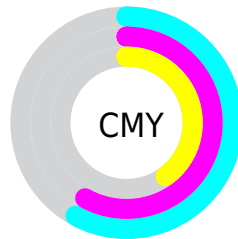


Cyan (30%)

Magenta (29%)

Yellow (0%)

Black (40%)



Cyan (58%)


Magenta (58%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 26.060, 292.111 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 47, 26.060, 292.111 by changing the saturation by 10% instead.


 47, 26.060,
292.111


 47, 26.060,
292.111


 100, 26.060,
292.111


 37, 26.060,
292.111

 67, 26.060,
292.111


 27, 26.060,
292.111

 77, 26.060,
292.111

 17, 26.060,
292.111

 87, 26.060,
292.111

 7, 26.060, 292.111

 97, 26.060,
292.111

 0, 26.060, 292.111

 47, 26.060,

 47, 26.060,

292.111

42, 35.373,
293.780

37, 45.060,
295.700

32, 55.063,
297.851

27, 65.172,
300.150

23, 74.858,
302.415

20, 83.117,
304.364

17, 88.738,
305.625

292.111

52, 17.114,
290.680

57, 8.516, 289.461

63, 0.238, 288.690

68, 7.743, 107.511

73, 15.449,
106.751

78, 22.899,
106.094

83, 30.109,
105.524

88, 37.093,
105.029

93, 43.866,

Harmonies

Complementary

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



47, 26.060, 292.111



61, 24.413, 105.410

Rectangle

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



47, 26.060, 292.111



47, 26.060, 342.111



47, 26.060, 112.111



47, 26.060, 162.111

Sweetspot

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



47, 26.059, 292.111



74, 9.171, 289.338



60, 16.424, 193.338



38, 6.439, 289.489



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



47, 26.059, 292.111



56, 38.690, 293.153



48, 28.244, 308.842



30, 4.700, 289.344



16, 83.532, 305.559



0, 5.006, 288.415

Inverse Universe

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



50, 19.723, 18.526



60, 29.503, 19.408



60, 26.972, 125.880



30, 3.441, 16.366



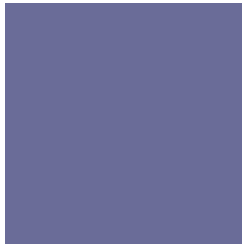
28, 64.668, 37.303



1, 3.605, 15.844

Previews

White Background



This preview shows how the CIELCh color 47, 26.060, 292.111 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 CIELCh color 47, 26.060, 292.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

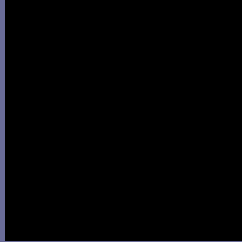
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 26.060, 292.111

Background



This preview shows how black text looks on a background with the CIELCh color 47, 26.060, 292.111.

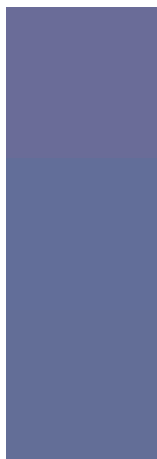


This preview shows how white text looks on a background with the CIELCh color 47, 26.060, 292.111.

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

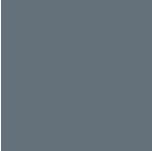
47, 26.060, 292.111

Protanopia

47, 25.620, 284.541

Deuteranopia

47, 24.424, 284.639



Tritanopia
47, 7.606, 250.404

Trichromacy



Original Color
47, 26.060, 292.111

Protanomaly
47, 26.108, 287.703

Deuteranomaly
47, 24.917, 287.986

Tritanomaly
47, 13.352, 277.600

Monochromacy



Original Color
47, 26.060, 292.111

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 8.880, 288.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 26.060, 292.111 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(106, 108, 152)` looks like.

```
.text, #text, p{  
    color:rgb(106, 108, 152)  
}
```

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(106, 108, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 108, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 26.060, 292.111 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(106, 108, 152) }
```

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

```
.border{ border-color:rgb(106, 108, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 108, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 108, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 108, 152);  
box-shadow:4px 4px 4px 4px rgb(106, 108,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 26.060, 292.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 108, 152) }
```

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

```
.background{ background-color: rgb(106,  
108, 152) }
```

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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