

Converting Colors

CIELCh(47, 11.254, 287.842)

Have a look what the booklet for
CIELCh(47, 11.254, 287.842)
contains.

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Color

CIELCh(47, 11.272, 287.856)

Conversions

Conversions Part 1

Format	Color
Hex	6C6E81
RGB	108, 110, 129
RGB Percent	42%, 43%, 51%
CMY	0.5753, 0.5674, 0.4929
CMYK	0.16, 0.15, 0.00, 0.49
HSL	234°, 9%, 47%
HSV	234°, 16%, 51%
XYZ	15.8148, 16.0195, 23.1385
YIQ	111.5680, -7.2910, 5.4850

Conversions

Conversions Part 2

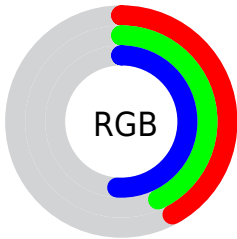
Format	Color
R _Y B	108, 110, 129
Decimal	7106177
CIE Lab	47.00, 3.46, -10.73
CIE LCh	47, 11.272, 287.856
Yxy	16.0195, 0.2877, 0.2914
Android (android.graphics.Color)	4285296257 (0xFF6C6E81)
YUV	111.5680, 8.5940, -3.1291
Hunter-Lab	40.0243, 0.4883, -6.2591

Details

The CIELCh color $47, 11.272, 287.856$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 10.957, 104.398$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 11.067, 287.591$, and $27, 11.112, 286.159$ is the 20% darker color. If you saturate the color by 10%, you get $43, 18.534, 289.213$, and if you desaturate by 10%, it is $51, 4.263, 286.696$.

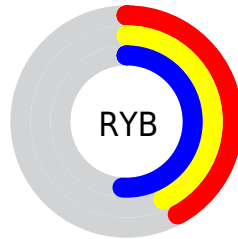
Distribution



Red (42%)

Green (43%)

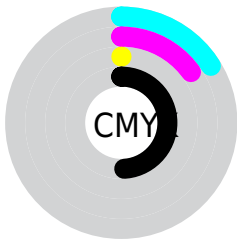
Blue (51%)



Red (42%)

Yellow (43%)

Blue (51%)

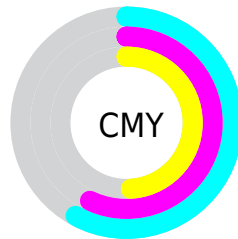


Cyan (16%)

Magenta (15%)

Yellow (0%)

Black (49%)



Cyan (58%)

Magenta (57%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 11.272, 287.856 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, 11.272, 287.856 by changing the saturation by 10% instead.

■ 47, 11.272,
287.856

■ 47, 11.272,
287.856

■ 100, 11.272,
287.856

■ 37, 11.272,
287.856

■ 67, 11.272,
287.856

■ 27, 11.272,
287.856

■ 77, 11.272,
287.856

■ 17, 11.272,
287.856

■ 87, 11.272,
287.856

■ 7, 11.272, 287.856

■ 97, 11.272,
287.856

■ 0, 11.272, 287.856

■ 47, 11.272,

■ 47, 11.272,

287.856

287.856

■ 43, 18.534,
289.213

■ 51, 4.263, 286.696

■ 38, 26.073,
290.800

■ 56, 2.509, 105.646

■ 34, 33.906,
292.638

■ 60, 9.061, 104.804

■ 30, 42.034,
294.735

■ 64, 15.409,
104.060

■ 25, 50.405,
297.061

■ 69, 21.563,
103.411

■ 22, 58.836,
299.519

■ 73, 27.536,
102.844

■ 18, 66.889,
301.925

■ 77, 33.338,
102.345

■ 16, 73.796,
303.973

■ 81, 38.977,
101.905

■ 85, 44.462,

■ 15,75.946,
304.532

101.514

Harmonies

Complementary

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



47, 11.272, 287.856



53, 10.957, 104.398

Rectangle

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



47, 11.272, 287.856



47, 11.272, 337.856



47, 11.272, 107.856



47, 11.272, 157.856

Sweetspot

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



47, 11.271, 287.853



66, 4.226, 286.579



52, 8.171, 189.990



34, 2.872, 286.639



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



47, 11.271, 287.853



59, 16.441, 288.265



47, 12.916, 306.316



25, 3.819, 287.004



14, 75.107, 304.506



0, 0.000, 0.000

Inverse Universe

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



48, 8.861, 12.870



60, 12.982, 13.201



53, 12.586, 124.729



25, 2.970, 12.178



25, 58.358, 34.417



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 11.272, 287.856 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, 11.272, 287.856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

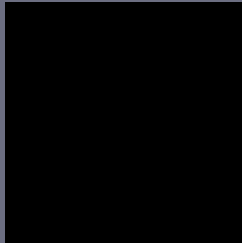
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

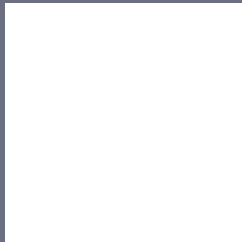
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 11.272, 287.856

Background



This preview shows how black text looks on a background with the CIELCh color 47, 11.272, 287.856.



This preview shows how white text looks on a background with the CIELCh color 47, 11.272, 287.856.

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, 11.272, 287.856

Protanopia

47, 11.272, 287.856

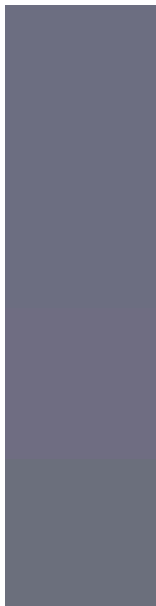
Deuteranopia

47, 12.573, 298.807



Tritanopia
47, 5.632, 270.682

Trichromacy



Original Color
47, 11.272, 287.856

Protanomaly
47, 11.272, 287.856

Deuteranomaly
47, 12.495, 295.338

Tritanomaly
47, 7.820, 279.874

Monochromacy



Original Color
47, 11.272, 287.856

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 4.147, 290.752

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 11.272, 287.856 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(108, 110, 129)` looks like.

```
.text, #text, p{  
    color:rgb(108, 110, 129)  
}
```

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(108, 110, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 110, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 11.272, 287.856 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(108, 110, 129) }
```

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

```
.border{ border-color:rgb(108, 110, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 110, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 110, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 110, 129);  
box-shadow:4px 4px 4px 4px rgb(108, 110,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 11.272, 287.856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 110, 129) }
```

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

```
.background{ background-color: rgb(108,  
110, 129) }
```

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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