

Converting Colors

CIELCh(47, 13.655, 285.776)

Have a look what the booklet for
CIELCh(47, 13.655, 285.776)
contains.

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Color

CIELCh(47, 13.676, 285.795)

Conversions

Conversions Part 1

Format	Color
Hex	6A6E85
RGB	106, 110, 133
RGB Percent	42%, 43%, 52%
CMY	0.5829, 0.5672, 0.4770
CMYK	0.20, 0.17, 0.00, 0.48
HSL	231°, 11%, 47%
HSV	231°, 20%, 52%
XYZ	15.8608, 16.0195, 24.5811
YIQ	111.4260, -9.7670, 6.3050

Conversions

Conversions Part 2

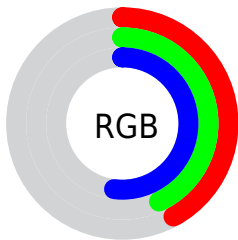
Format	Color
RYB	106, 109, 133
Decimal	6975109
CIELab	47.00, 3.72, -13.16
CIELCh	47, 13.676, 285.795
Yxy	16.0195, 0.2809, 0.2837
Android (android.graphics.Color)	4285165189 (0xFF6A6E85)
YUV	111.4260, 10.6360, -4.7586
Hunter-Lab	40.0243, 0.6933, -8.3962

Details

The CIELCh color $47, 13.676, 285.795$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 13.284, 101.200$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 13.853, 287.199$, and $27, 13.119, 284.208$ is the 20% darker color. If you saturate the color by 10%, you get $43, 20.766, 287.299$, and if you desaturate by 10%, it is $51, 6.816, 284.505$.

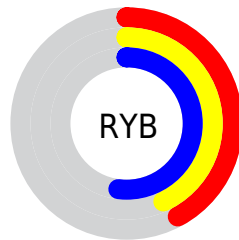
Distribution



Red (42%)

Green (43%)

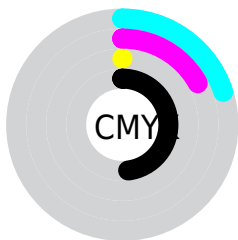
Blue (52%)



Red (42%)

Yellow (43%)

Blue (52%)

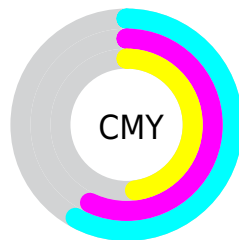


Cyan (20%)

Magenta (17%)

Yellow (0%)

Black (48%)



Cyan (58%)


Magenta (57%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 13.676, 285.795 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, 13.676, 285.795 by changing the saturation by 10% instead.


 47, 13.676,
285.795


 47, 13.676,
285.795


 100, 13.676,
285.795


 37, 13.676,
285.795

 67, 13.676,
285.795


 27, 13.676,
285.795

 77, 13.676,
285.795

 17, 13.676,
285.795


 87, 13.676,
285.795

 7, 13.676, 285.795

 97, 13.676,
285.795

 0, 13.676, 285.795

 47, 13.676,

 47, 13.676,

285.795

43, 20.766,
287.299

38, 28.111,
289.052

34, 35.727,
291.076

30, 43.618,
293.376

26, 51.740,
295.917

22, 59.927,
298.591

19, 67.781,
301.208

16, 74.521,
303.333

285.795

51, 6.816, 284.505

56, 0.172, 283.937

60, 6.273, 102.402

64, 12.529,
101.577

68, 18.608,
100.853

72, 24.519,
100.219

77, 30.270, 99.659

81, 35.870, 99.163

85, 41.324, 98.722

Harmonies

Complementary

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



47, 13.676, 285.795



54, 13.284, 101.200

Rectangle

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



47, 13.676, 285.795



47, 13.676, 335.795



47, 13.676, 105.795



47, 13.676, 155.795

Sweetspot

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



47, 13.675, 285.793



68, 4.915, 284.036



54, 10.558, 185.502



35, 3.248, 284.093



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



47, 13.675, 285.793



58, 20.221, 286.410



47, 16.498, 304.800



26, 3.725, 284.372



16, 73.033, 303.276



0, 0.881, 283.353

Inverse Universe

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



48, 11.558, 9.173



59, 17.169, 9.681



54, 15.927, 122.624



26, 3.105, 7.997



26, 57.420, 31.433



0, 0.725, 7.286

Previews

White Background



This preview shows how the CIELCh color 47, 13.676, 285.795 looks on a white background.

Color Contrast Check

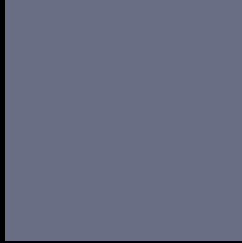
Large Text (above 18pt) WCAG AA ✓ Pass

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 47, 13.676, 285.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

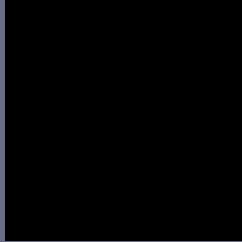
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

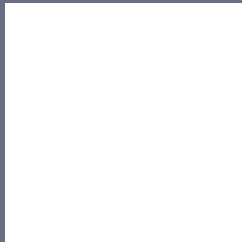
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 13.676, 285.795

Background



This preview shows how black text looks on a background with the CIELCh color 47, 13.676, 285.795.



This preview shows how white text looks on a background with the CIELCh color 47, 13.676, 285.795.

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, 13.676, 285.795

Protanopia

47, 13.676, 285.795

Deuteranopia

47, 14.858, 295.047



Tritanopia
47, 6.099, 260.411

Trichromacy



Original Color
47, 13.676, 285.795

Protanomaly
47, 13.676, 285.795

Deuteranomaly
47, 14.829, 292.175

Tritanomaly
47, 8.553, 275.774

Monochromacy



Original Color
47, 13.676, 285.795

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 5.338, 286.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 13.676, 285.795 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, 110, 133)` looks like.

```
.text, #text, p{  
    color:rgb(106, 110, 133)  
}
```

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, 110, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 110, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 13.676, 285.795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

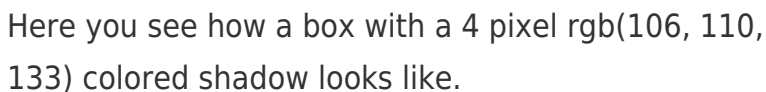
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 110, 133) }
```

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

```
.border{ border-color:rgb(106, 110, 133) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 110, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 110, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 110, 133);  
box-shadow:4px 4px 4px 4px rgb(106, 110,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 13.676, 285.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 110, 133) }
```

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

```
.background{ background-color: rgb(106,  
110, 133) }
```

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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