

Converting Colors

CIELCh(47, 16.830, 322.937)

Have a look what the booklet for
CIELCh(47, 16.830, 322.937)
contains.

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Color

CIELCh(47, 17.182, 322.025)

Conversions

Conversions Part 1

Format	Color
Hex	7E6881
RGB	126, 104, 129
RGB Percent	49%, 41%, 51%
CMY	0.5046, 0.5909, 0.4928
CMYK	0.02, 0.19, 0.00, 0.49
HSL	293°, 11%, 46%
HSV	293°, 19%, 51%
XYZ	17.6198, 16.0195, 23.0475
YIQ	113.4280, 5.0870, 12.4390

Conversions

Conversions Part 2

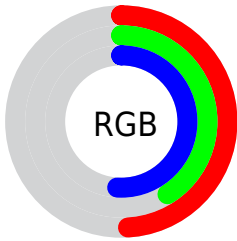
Format	Color
R_{YB}	126, 104, 129
Decimal	8284289
CIE _{Lab}	47.00, 13.54, -10.57
CIE _{LCh}	47, 17.182, 322.025
Yxy	16.0195, 0.3108, 0.2826
Android (android.graphics.Color)	4286474369 (0xFF7E6881)
YUV	113.4280, 7.6770, 11.0256
Hunter-Lab	40.0243, 8.5382, -6.1243

Details

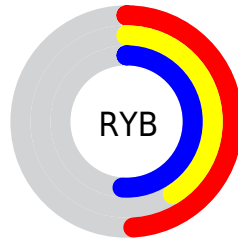
The CIELCh color $47, 17.182, 322.025$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $52, 17.090, 140.154$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 17.430, 322.093$, and $27, 17.184, 322.069$ is the 20% darker color. If you saturate the color by 10%, you get $43, 26.130, 322.481$, and if you desaturate by 10%, it is $51, 8.246, 321.555$.

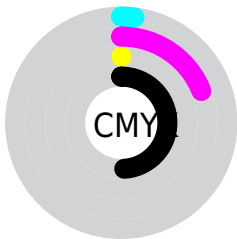
Distribution



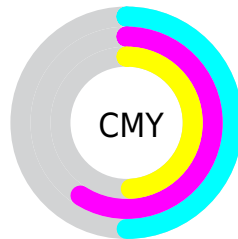
- Red (49%)
- Green (41%)
- Blue (51%)



- Red (49%)
- Yellow (41%)
- Blue (51%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (49%)




- Cyan (50%)
- Magenta (59%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 17.182, 322.025 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, 17.182, 322.025 by changing the saturation by 10% instead.

 47, 17.182,
322.025


 47, 17.182,
322.025

 100, 17.182,
322.025


 37, 17.182,
322.025

 67, 17.182,
322.025


 27, 17.182,
322.025

 77, 17.182,
322.025

 17, 17.182,
322.025


 87, 17.182,
322.025

 7, 17.182, 322.025

 97, 17.182,
322.025

 0, 17.182, 322.025

 47, 17.182,

 47, 17.182,

322.025

43, 26.130,
322.481

40, 34.942,
322.913

37, 43.403,
323.302

34, 51.232,
323.624

32, 58.091,
323.850

30, 63.628,
323.953

28, 67.561,
323.906

27, 70.251,
323.748

322.025

51, 8.246, 321.555

54, 0.573, 141.411

58, 9.213, 140.698

62, 17.637,
140.267

66, 25.828,
139.865

70, 33.780,
139.490

73, 41.494,
139.140

77, 48.978,
138.817

81, 56.240,

■ 27,70.430,
323.738

138.519

Harmonies

Complementary

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



47, 17.182, 322.025



52, 17.090, 140.154

Rectangle

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



47, 17.182, 322.025



47, 17.182, 12.025



47, 17.182, 142.025



47, 17.182, 192.025

Sweetspot

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



47, 17.180, 322.025



66, 6.557, 321.398



46, 12.926, 286.412



34, 4.330, 321.424



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, 17.180, 322.025



59, 25.383, 322.218



47, 13.787, 338.498



25, 4.918, 321.543



27, 69.709, 323.744



0, 0.000, 0.000

Inverse Universe

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



47, 10.682, 11.252



58, 15.949, 11.727



52, 13.627, 155.664



25, 2.984, 10.207



26, 57.557, 33.109



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 17.182, 322.025 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, 17.182, 322.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

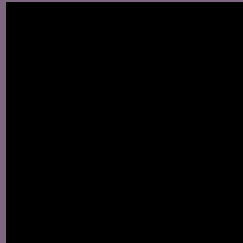
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 17.182, 322.025

Background



This preview shows how black text looks on a background with the CIELCh color 47, 17.182, 322.025.



This preview shows how white text looks on a background with the CIELCh color 47, 17.182, 322.025.

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, 17.182, 322.025

Protanopia

47, 13.655, 285.776

Deuteranopia

47, 11.461, 301.344



Tritanopia
47, 8.426, 346.381

Trichromacy



Original Color
47, 17.182, 322.025

Protanomaly
47, 13.797, 299.885

Deuteranomaly
47, 13.227, 310.598

Tritanomaly
47, 11.307, 333.788

Monochromacy



Original Color
47, 17.182, 322.025

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 6.757, 319.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 17.182, 322.025 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(126, 104, 129)` looks like.

```
.text, #text, p{  
    color:rgb(126, 104, 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(126, 104, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 104, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 17.182, 322.025 is called "border". The border property can be set on classes, ids or directly on the HTML element.

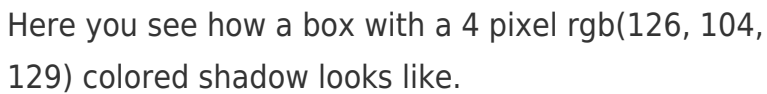
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 104, 129) }
```

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

```
.border{ border-color:rgb(126, 104, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 104, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 104, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 104, 129); box-shadow:4px 4px 4px 4px rgb(126, 104, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 17.182, 322.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 104, 129) }
```

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

```
.background{ background-color: rgb(126,  
104, 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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