

Converting Colors

CIELCh(47, 14.985, 176.690)

Have a look what the booklet for
CIELCh(47, 14.985, 176.690)
contains.

CIELCh(47, 15.206, 177.159)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(47, 15.206, 177.159)

Conversions

Conversions Part 1

Format	Color
Hex	52776E
RGB	82, 119, 110
RGB Percent	32%, 47%, 43%
CMY	0.6796, 0.5345, 0.5698
CMYK	0.31, 0.00, 0.08, 0.53
HSL	165°, 18%, 39%
HSV	165°, 31%, 47%
XYZ	12.8115, 16.0195, 17.0819
YIQ	106.9110, -19.1630, -10.6430

Conversions

Conversions Part 2

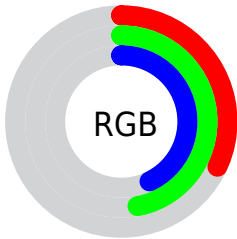
Format	Color
RYB	82, 103, 119
Decimal	5404526
CIELab	47.00, -15.19, 0.75
CIELCh	47, 15.206, 177.159
Yxy	16.0195, 0.2790, 0.3489
Android (android.graphics.Color)	4283594606 (0xFF52776E)
YUV	106.9110, 1.5229, -21.8469
Hunter-Lab	40.0243, -12.9057, 2.7128

Details

The CIELCh color **47, 15.206, 177.159** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **39, 16.932, 3.336**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 14.780, 178.451**, and **27, 14.706, 178.917** is the 20% darker color. If you saturate the color by 10%, you get **46, 19.628, 176.094**, and if you desaturate by 10%, it is **48, 10.511, 178.151**.

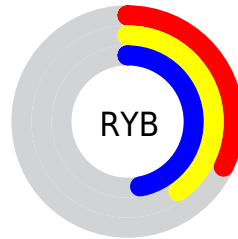
Distribution



Red (32%)

Green (47%)

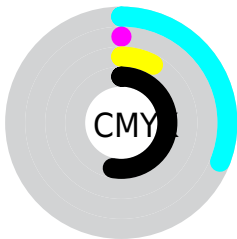
Blue (43%)



Red (32%)

Yellow (40%)

Blue (47%)

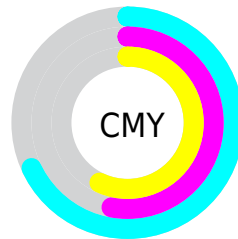


Cyan (31%)

Magenta (0%)

Yellow (8%)

Black (53%)



Cyan (68%)


Magenta (53%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 15.206, 177.159 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, 15.206, 177.159 by changing the saturation by 10% instead.


 47, 15.206,
177.159


 47, 15.206,
177.159


 100, 15.206,
177.159


 37, 15.206,
177.159

 67, 15.206,
177.159


 27, 15.206,
177.159

 77, 15.206,
177.159

 17, 15.206,
177.159


 87, 15.206,
177.159

 7, 15.206, 177.159

 97, 15.206,
177.159

 0, 15.206, 177.159

 47, 15.206,

 47, 15.206,

177.159

177.159

■ 46, 19.628,
176.094

■ 48, 10.511,
178.151

■ 46, 23.696,
174.943

■ 49, 5.615, 179.103

■ 45, 27.338,
173.685

■ 50, 0.588, 180.492

■ 51, 4.511, 0.672

■ 45, 30.495,
172.299

■ 52, 9.632, 1.507

■ 44, 33.133,
170.763

■ 53, 14.738, 2.282

■ 55, 19.798, 3.022

■ 44, 35.248,
169.061

■ 56, 24.792, 3.734

■ 44, 36.898,
167.541

■ 58, 29.704, 4.419

Harmonies

Complementary

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



47, 15.206, 177.159



39, 16.932, 3.336

Rectangle

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



47, 15.206, 177.159



47, 15.206, 227.159



47, 15.206, 357.159



47, 15.206, 47.159

Sweetspot

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



47, 15.207, 177.156



63, 5.659, 179.288



47, 24.653, 135.813



33, 3.958, 179.171



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



47, 15.207, 177.156



60, 22.193, 176.444



44, 11.409, 227.597



24, 2.809, 179.308



45, 37.756, 167.471



88, 65.088, 166.281

Inverse Universe

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



39, 16.932, 3.336



48, 25.346, 4.326



41, 13.863, 44.385



23, 2.894, 0.759



25, 51.744, 23.816



53, 89.838, 27.196

Previews

White Background



This preview shows how the CIELCh color 47, 15.206, 177.159 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, 15.206, 177.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

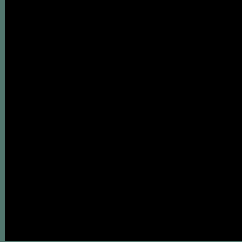
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 15.206, 177.159

Background



This preview shows how black text looks on a background with the CIELCh color 47, 15.206, 177.159.



This preview shows how white text looks on a background with the CIELCh color 47, 15.206, 177.159.

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, 15.206, 177.159

Protanopia

47, 3.743, 90.158

Deuteranopia

47, 5.862, 356.353



Tritanopia
47, 12.461, 226.919

Trichromacy



Original Color
47, 15.206, 177.159

Protanomaly
47, 6.432, 158.678

Deuteranomaly
47, 2.110, 183.036

Tritanomaly
47, 12.243, 206.523

Monochromacy



Original Color
47, 15.206, 177.159

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 5.536, 179.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 15.206, 177.159 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(82, 119, 110)` looks like.

```
.text, #text, p{  
    color:rgb(82, 119, 110)  
}
```

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(82, 119, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 119, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 15.206, 177.159 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(82, 119, 110) }
```

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

```
.border{ border-color:rgb(82, 119, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 119, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 119, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 119, 110);  
box-shadow:4px 4px 4px 4px rgb(82, 119,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 15.206, 177.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 119, 110) }
```

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

```
.background{ background-color: rgb(82, 119,  
110) }
```

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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