

Converting Colors

CIELCh(47, 22.859, 191.949)

Have a look what the booklet for
CIELCh(47, 22.859, 191.949)
contains.

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Color

CIELCh(47, 22.896, 192.482)

Conversions

Conversions Part 1

Format	Color
Hex	357A77
RGB	53, 122, 119
RGB Percent	21%, 48%, 47%
CMY	0.7920, 0.5214, 0.5332
CMYK	0.57, 0.00, 0.02, 0.52
HSL	177°, 39%, 34%
HSV	177°, 57%, 48%
XYZ	11.7667, 16.0195, 19.9367
YIQ	101.0270, -40.1610, -15.5610

Conversions

Conversions Part 2

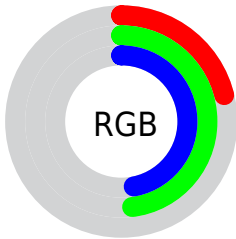
Format	Color
RYB	53, 88, 122
Decimal	3504759
CIELab	47.00, -22.35, -4.95
CIELCh	47, 22.896, 192.482
Yxy	16.0195, 0.2466, 0.3357
Android (android.graphics.Color)	4281694839 (0xFF357A77)
YUV	101.0270, 8.8607, -42.1197
Hunter-Lab	40.0243, -17.5653, -1.5162

Details

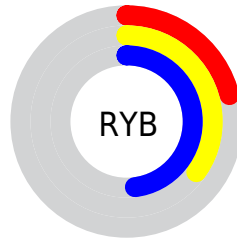
The CIELCh color **47, 22.896, 192.482** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32, 32.985, 22.930**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 22.948, 191.950**, and **27, 20.708, 192.661** is the 20% darker color. If you saturate the color by 10%, you get **47, 25.452, 191.943**, and if you desaturate by 10%, it is **48, 19.795, 193.031**.

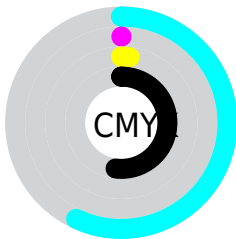
Distribution



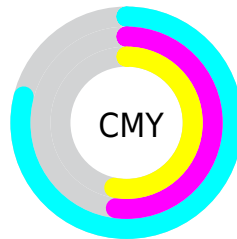
- Red (21%)
- Green (48%)
- Blue (47%)



- Red (21%)
- Yellow (35%)
- Blue (48%)



- Cyan (57%)
- Magenta (0%)
- Yellow (2%)
- Black (52%)



- Cyan (79%)
- Magenta (52%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 22.896, 192.482 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, 22.896, 192.482 by changing the saturation by 10% instead.

 47, 22.896,
192.482

 47, 22.896,
192.482

 100, 22.896,
192.482

 37, 22.896,
192.482

 67, 22.896,
192.482

 27, 22.896,
192.482

 77, 22.896,
192.482

 17, 22.896,
192.482

 87, 22.896,
192.482

 7, 22.896, 192.482

 97, 22.896,
192.482

 0, 22.896, 192.482

 47, 22.896,

 47, 22.896,

192.482

192.482

■ 47, 25.452,
191.943

■ 48, 19.795,
193.031

■ 46, 27.434,
191.411

■ 48, 16.201,
193.600

■ 46, 28.839,
190.876

■ 49, 12.182,
194.191

■ 46, 29.762,
190.332

■ 50, 7.810, 194.809

■ 46, 30.060,
190.148

■ 51, 3.157, 195.498

■ 52, 1.706, 15.785

■ 53, 6.720, 16.592

■ 54, 11.831, 17.263

■ 55, 16.998, 17.922

Harmonies

Complementary

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



47, 22.896, 192.482



32, 32.985, 22.930

Rectangle

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



47, 22.896, 192.482



47, 22.896, 242.482



47, 22.896, 12.482



47, 22.896, 62.482

Sweetspot

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



47, 22.896, 192.480



63, 9.901, 194.754



46, 47.450, 138.949



32, 6.560, 194.657



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, 22.896, 192.480



59, 31.536, 191.778



37, 21.961, 260.201



25, 2.713, 195.307



47, 30.576, 190.133



90, 51.578, 189.809

Inverse Universe

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



32, 32.985, 22.930



38, 49.981, 26.444



39, 27.150, 63.676



24, 2.853, 16.340



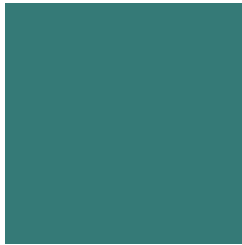
25, 58.835, 36.444



53, 102.118, 38.809

Previews

White Background



This preview shows how the CIELCh color 47, 22.896, 192.482 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, 22.896, 192.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

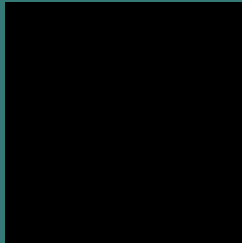
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 22.896, 192.482

Background



This preview shows how black text looks on a background with the CIELCh color 47, 22.896, 192.482.



This preview shows how white text looks on a background with the CIELCh color 47, 22.896, 192.482.

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, 22.896, 192.482

Protanopia

47, 1.450, 324.418

Deuteranopia

47, 8.928, 311.981



Tritanopia
47, 20.724, 214.190

Trichromacy



Original Color
47, 22.896, 192.482

Protanomaly
46, 8.826, 202.331

Deuteranomaly
46, 8.774, 231.637

Tritanomaly
47, 21.152, 205.373

Monochromacy



Original Color
47, 22.896, 192.482

Achromatopsia
43, 0.006, 296.813

Achromatomaly
44, 9.700, 194.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 22.896, 192.482 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(53, 122, 119)` looks like.

```
.text, #text, p{  
    color:rgb(53, 122, 119)  
}
```

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(53, 122, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 122, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 22.896, 192.482 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(53, 122, 119) }
```

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

```
.border{ border-color:rgb(53, 122, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 122, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 122, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 122, 119);  
box-shadow:4px 4px 4px 4px rgb(53, 122,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 22.896, 192.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 122, 119) }
```

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

```
.background{ background-color: rgb(53, 122,  
119) }
```

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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