

Converting Colors

CIELCh(47, 19.826, 215.017)

Have a look what the booklet for
CIELCh(47, 19.826, 215.017)
contains.

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Color

CIELCh(47, 19.828, 215.053)

Conversions

Conversions Part 1

Format	Color
Hex	3D7882
RGB	61, 120, 130
RGB Percent	24%, 47%, 51%
CMY	0.7610, 0.5296, 0.4904
CMYK	0.53, 0.08, 0.00, 0.49
HSL	189°, 36%, 37%
HSV	189°, 53%, 51%
XYZ	12.6556, 16.0195, 23.5238
YIQ	103.4990, -38.3740, -9.3980

Conversions

Conversions Part 2

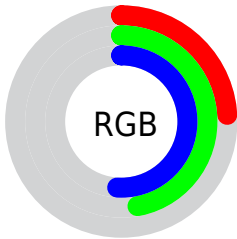
Format	Color
RYB	61, 93, 130
Decimal	4028546
CIELab	47.00, -16.23, -11.39
CIElCh	47, 19.828, 215.053
Yxy	16.0195, 0.2425, 0.3069
Android (android.graphics.Color)	4282218626 (0xFF3D7882)
YUV	103.4990, 13.0650, -37.2716
Hunter-Lab	40.0243, -13.6011, -6.8299

Details

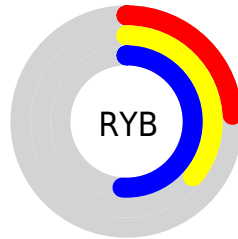
The CIELCh color **47, 19.828, 215.053** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **37, 29.516, 35.386**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 19.776, 216.005**, and **27, 19.238, 216.885** is the 20% darker color. If you saturate the color by 10%, you get **46, 22.221, 216.027**, and if you desaturate by 10%, it is **48, 16.922, 214.345**.

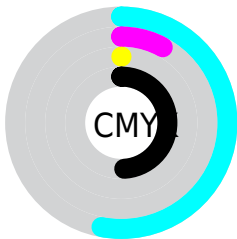
Distribution



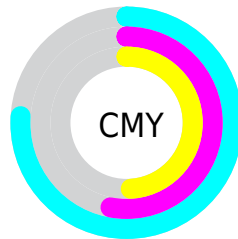
- Red (24%)
- Green (47%)
- Blue (51%)



- Red (24%)
- Yellow (36%)
- Blue (51%)



- Cyan (53%)
- Magenta (8%)
- Yellow (0%)
- Black (49%)





- Cyan (76%)
- Magenta (53%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 19.828, 215.053 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, 19.828, 215.053 by changing the saturation by 10% instead.


 47, 19.828,
215.053


 47, 19.828,
215.053


 100, 19.828,
215.053


 37, 19.828,
215.053

 67, 19.828,
215.053


 27, 19.828,
215.053

 77, 19.828,
215.053

 17, 19.828,
215.053


 87, 19.828,
215.053

 7, 19.828, 215.053

 97, 19.828,
215.053

 0, 19.828, 215.053

 47, 19.828,

 47, 19.828,

215.053

■ 46, 22.221,
216.027

■ 45, 24.063,
217.324

■ 44, 25.344,
219.001

■ 43, 26.096,
221.107

■ 43, 26.489,
222.664

215.053

■ 48, 16.922,
214.345

■ 49, 13.560,
213.860

■ 51, 9.806, 213.559

■ 52, 5.729, 213.418

■ 54, 1.390, 213.581

■ 55, 3.152, 33.195

■ 57, 7.847, 33.371

■ 59, 12.655, 33.542

■ 61, 17.540, 33.742

Harmonies

Complementary

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



47, 19.828, 215.053



37, 29.516, 35.386

Rectangle

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



47, 19.828, 215.053



47, 19.828, 265.053



47, 19.828, 35.053



47, 19.828, 85.053

Sweetspot

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



47, 19.828, 215.051



66, 8.565, 213.447



49, 43.783, 143.840



34, 5.728, 213.468



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, 19.828, 215.051



59, 27.427, 216.301



37, 27.746, 277.992



26, 2.452, 213.414



42, 26.131, 222.608



0, 0.000, 0.000

Inverse Universe

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



37, 43.172, 331.826



44, 61.886, 332.575



46, 28.551, 81.502



25, 4.617, 329.168



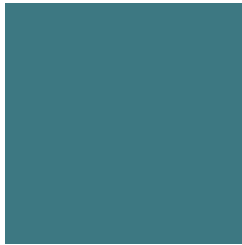
29, 61.935, 334.745



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 19.828, 215.053 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, 19.828, 215.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

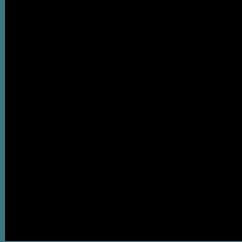
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 19.828, 215.053

Background



This preview shows how black text looks on a background with the CIELCh color 47, 19.828, 215.053.



This preview shows how white text looks on a background with the CIELCh color 47, 19.828, 215.053.

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, 19.828, 215.053

Protanopia
47, 8.303, 288.644

Deuteranopia
47, 14.319, 296.617



Tritanopia
47, 19.828, 215.053

Trichromacy



Original Color
47, 19.828, 215.053

Protanomaly
47, 10.590, 241.158

Deuteranomaly
46, 12.984, 259.725

Tritanomaly
47, 19.828, 215.053

Monochromacy



Original Color
47, 19.828, 215.053

Achromatopsia
44, 0.006, 296.813

Achromatomaly
45, 8.324, 215.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 19.828, 215.053 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(61, 120, 130)` looks like.

```
.text, #text, p{  
    color:rgb(61, 120, 130)  
}
```

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(61, 120, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 120, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 19.828, 215.053 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(61, 120, 130) }
```

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

```
.border{ border-color:rgb(61, 120, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 120, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 120, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 120, 130);  
box-shadow:4px 4px 4px 4px rgb(61, 120,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 19.828, 215.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 120, 130) }
```

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

```
.background{ background-color: rgb(61, 120,  
130) }
```

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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