

Converting Colors

CIELCh(47, 8.165, 208.385)

Have a look what the booklet for
CIELCh(47, 8.165, 208.385) contains.

CIELCh(47, 8.171, 211.196)	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, 8.171, 211.196)

Conversions

Conversions Part 1

Format	Color
Hex	5E7376
RGB	94, 115, 118
RGB Percent	37%, 45%, 46%
CMY	0.6305, 0.5481, 0.5363
CMYK	0.20, 0.03, 0.00, 0.54
HSL	187°, 11%, 42%
HSV	187°, 20%, 46%
XYZ	14.0803, 16.0195, 19.5618
YIQ	109.0630, -13.4790, -3.5190

Conversions

Conversions Part 2

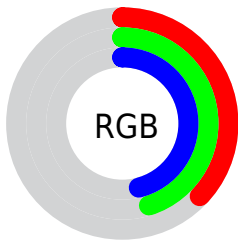
Format	Color
R_{YB}	94, 105, 118
Decimal	6189942
CIE _{Lab}	47.00, -6.99, -4.23
CIE _{LCh}	47, 8.171, 211.196
Yxy	16.0195, 0.2835, 0.3226
Android (android.graphics.Color)	4284380022 (0xFF5E7376)
YUV	109.0630, 4.4059, -13.2103
Hunter-Lab	40.0243, -7.2473, -0.9609

Details

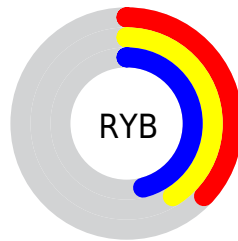
The CIELCh color **47, 8.171, 211.196** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 9.316, 31.554**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 8.117, 210.623**, and **27, 8.245, 211.994** is the 20% darker color. If you saturate the color by 10%, you get **46, 11.792, 211.326**, and if you desaturate by 10%, it is **48, 4.264, 211.195**.

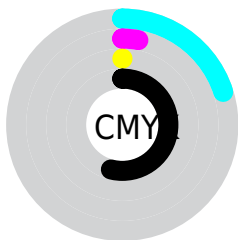
Distribution



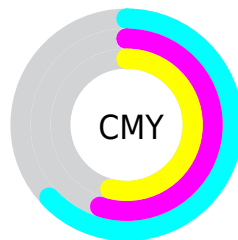
- Red (37%)
- Green (45%)
- Blue (46%)



- Red (37%)
- Yellow (41%)
- Blue (46%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (54%)



- Cyan (63%)
- Magenta (55%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 8.171, 211.196 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, 8.171, 211.196 by changing the saturation by 10% instead.

■ 47, 8.171, 211.196

■ 47, 8.171, 211.196

■ 100, 8.171,
211.196

■ 37, 8.171, 211.196

■ 67, 8.171, 211.196

■ 27, 8.171, 211.196

■ 77, 8.171, 211.196

■ 17, 8.171, 211.196

■ 87, 8.171, 211.196

■ 7, 8.171, 211.196

■ 97, 8.171, 211.196

■ 0, 8.171, 211.196

■ 47, 8.171, 211.196

■ 47, 8.171, 211.196

■ 46, 11.792,
211.326

■ 48, 4.264, 211.195

■ 45, 15.065,

■ 50, 0.129, 214.092

211.615

51, 4.183, 31.202

44, 17.927,
212.085

53, 8.627, 31.433

43, 20.324,
212.773

54, 13.165, 31.675

42, 22.213,
213.720

56, 17.766, 31.939

41, 23.574,
214.973

59, 27.066, 32.519

40, 24.417,
216.575

61, 31.728, 32.823

40, 24.962,
218.323

Harmonies

Complementary

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



47, 8.171, 211.196



43, 9.316, 31.554

Rectangle

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



47, 8.171, 211.196



47, 8.171, 261.196



47, 8.171, 31.196



47, 8.171, 81.196

Sweetspot

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



47, 8.171, 211.188



62, 3.098, 211.267



47, 15.989, 146.501



32, 2.041, 211.255



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



47, 8.171, 211.188



59, 11.767, 211.230



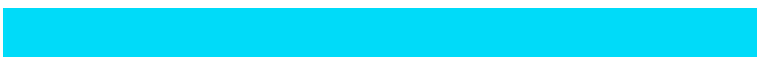
43, 9.460, 269.725



24, 2.322, 211.210



41, 25.583, 218.414



80, 43.232, 219.812

Inverse Universe

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



43, 15.929, 329.175



53, 23.267, 329.424



46, 9.617, 84.418



23, 4.366, 328.517



27, 61.075, 333.700



57, 103.010, 334.046

Previews

White Background



This preview shows how the CIELCh color 47, 8.171, 211.196 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, 8.171, 211.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

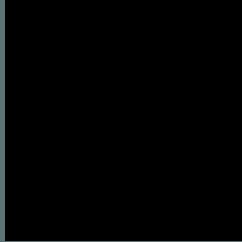
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

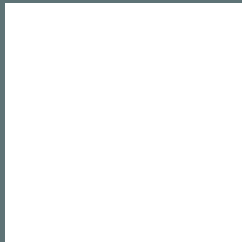
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 8.171, 211.196

Background



This preview shows how black text looks on a background with the CIELCh color 47, 8.171, 211.196.



This preview shows how white text looks on a background with the CIELCh color 47, 8.171, 211.196.

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

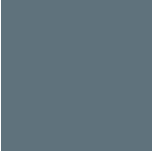
47, 8.171, 211.196

Protanopia

47, 2.411, 300.106

Deuteranopia

47, 8.196, 320.213



Tritanopia
47, 9.106, 239.581

Trichromacy



Original Color
47, 8.171, 211.196

Protanomaly
47, 3.261, 232.266

Deuteranomaly
47, 4.791, 281.371

Tritanomaly
47, 8.469, 232.952

Monochromacy



Original Color
47, 8.171, 211.196

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 2.850, 211.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 8.171, 211.196 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(94, 115, 118)` looks like.

```
.text, #text, p{  
    color:rgb(94, 115, 118)  
}
```

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(94, 115, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 115, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 8.171, 211.196 is called "border". The border property can be set on classes, ids or directly on the HTML element.

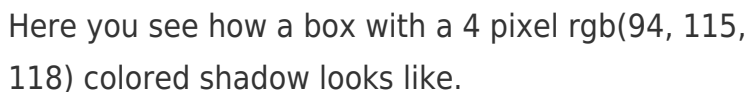
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 115, 118) }
```

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

```
.border{ border-color:rgb(94, 115, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 115, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 115, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 115, 118);  
box-shadow:4px 4px 4px 4px rgb(94, 115,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 8.171, 211.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 115, 118) }
```

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

```
.background{ background-color: rgb(94, 115,  
118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor