

Converting Colors

CIELCh(47, 7.204, 187.601)

Have a look what the booklet for
CIELCh(47, 7.204, 187.601) contains.

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Color

CIELCh(47, 7.188, 189.121)

Conversions

Conversions Part 1

Format	Color
Hex	617371
RGB	97, 115, 113
RGB Percent	38%, 45%, 44%
CMY	0.6193, 0.5487, 0.5565
CMYK	0.16, 0.00, 0.02, 0.55
HSL	173°, 8%, 42%
HSV	173°, 16%, 45%
XYZ	14.0631, 16.0195, 17.9972
YIQ	109.3900, -10.0860, -4.4380

Conversions

Conversions Part 2

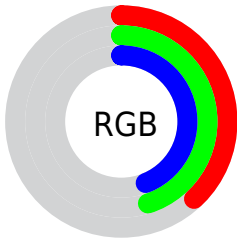
Format	Color
R _Y B	97, 107, 115
Decimal	6386545
CIE Lab	47.00, -7.10, -1.14
CIE LCh	47, 7.188, 189.121
Yxy	16.0195, 0.2925, 0.3332
Android (android.graphics.Color)	4284576625 (0xFF617371)
YUV	109.3900, 1.7797, -10.8660
Hunter-Lab	40.0243, -7.3240, 1.3569

Details

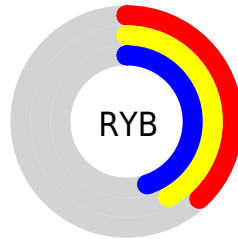
The CIELCh color **47, 7.188, 189.121** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 7.751, 11.529**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 7.131, 189.915**, and **27, 7.339, 187.946** is the 20% darker color. If you saturate the color by 10%, you get **46, 11.515, 188.327**, and if you desaturate by 10%, it is **48, 2.640, 189.954**.

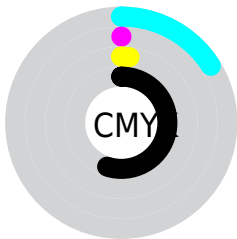
Distribution



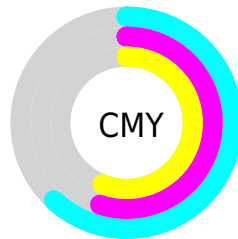
- Red (38%)
- Green (45%)
- Blue (44%)



- Red (38%)
- Yellow (42%)
- Blue (45%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (55%)



- Cyan (62%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 7.188, 189.121 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, 7.188, 189.121 by changing the saturation by 10% instead.

■ 47, 7.188, 189.121

■ 47, 7.188, 189.121

■ 100, 7.188,
189.121

■ 37, 7.188, 189.121

■ 67, 7.188, 189.121

■ 27, 7.188, 189.121

■ 77, 7.188, 189.121

■ 17, 7.188, 189.121

■ 87, 7.188, 189.121

■ 7, 7.188, 189.121

■ 97, 7.188, 189.121

■ 0, 7.188, 189.121

■ 47, 7.188, 189.121

■ 47, 7.188, 189.121

■ 46, 11.515,
188.327

■ 48, 2.640, 189.954

■ 45, 15.548,

■ 49, 2.069, 10.389

187.532

50, 6.883, 11.241

45, 19.217,
186.716

51, 11.756, 11.983

44, 22.454,
185.869

52, 16.650, 12.701

44, 25.203,
184.977

54, 21.536, 13.403

44, 27.424,
184.025

57, 31.201, 14.761

43, 29.108,
182.998

58, 35.953, 15.415

43, 30.324,
181.896

43, 30.827,
181.428

Harmonies

Complementary

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



47, 7.188, 189.121



43, 7.751, 11.529

Rectangle

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



47, 7.188, 189.121



47, 7.188, 239.121



47, 7.188, 9.121



47, 7.188, 59.121

Sweetspot

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



47, 7.189, 189.114



62, 2.915, 190.005



47, 12.559, 140.471



32, 2.003, 189.949



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, 7.189, 189.114



60, 10.786, 188.810



45, 5.888, 243.591



24, 2.660, 189.647



46, 32.242, 181.341



89, 55.038, 180.598

Inverse Universe

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



43, 7.751, 11.529



54, 11.862, 11.928



45, 6.290, 60.394



23, 2.777, 10.889



24, 55.993, 33.294



52, 97.977, 36.119

Previews

White Background



This preview shows how the CIELCh color 47, 7.188, 189.121 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, 7.188, 189.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

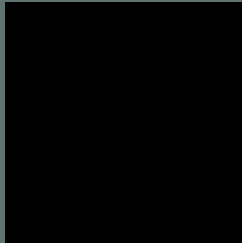
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 7.188, 189.121

Background



This preview shows how black text looks on a background with the CIELCh color 47, 7.188, 189.121.



This preview shows how white text looks on a background with the CIELCh color 47, 7.188, 189.121.

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

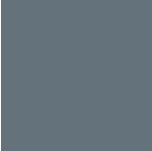
47, 7.188, 189.121

Protanopia

47, 0.817, 19.062

Deuteranopia

47, 6.429, 340.114



Tritanopia
47, 7.682, 243.025

Trichromacy



Original Color
47, 7.188, 189.121

Protanomaly
47, 2.010, 199.351

Deuteranomaly
47, 1.831, 303.160

Tritanomaly
47, 6.754, 224.925

Monochromacy



Original Color
47, 7.188, 189.121

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 2.500, 185.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 7.188, 189.121 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(97, 115, 113)` looks like.

```
.text, #text, p{  
    color:rgb(97, 115, 113)  
}
```

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(97, 115, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 115, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 7.188, 189.121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

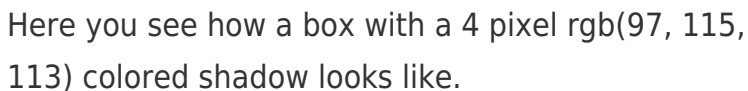
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(97, 115, 113) }
```

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

```
.border{ border-color:rgb(97, 115, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(97, 115, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 115, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 115, 113); box-shadow:4px 4px 4px 4px rgb(97, 115, 113) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 7.188, 189.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 115, 113) }
```

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

```
.background{ background-color: rgb(97, 115,  
113) }
```

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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