

Converting Colors

CIELCh(47, 6.658, 182.107)

Have a look what the booklet for
CIELCh(47, 6.658, 182.107) contains.

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Color

CIELCh(47, 6.610, 183.088)

Conversions

Conversions Part 1

Format	Color
Hex	637370
RGB	99, 115, 112
RGB Percent	39%, 45%, 44%
CMY	0.6126, 0.5498, 0.5616
CMYK	0.14, 0.00, 0.03, 0.55
HSL	169°, 7%, 42%
HSV	169°, 14%, 45%
XYZ	14.1425, 16.0195, 17.6146
YIQ	109.8740, -8.5730, -4.3250

Conversions

Conversions Part 2

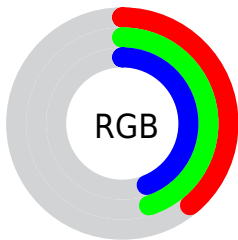
Format	Color
R _Y B	99, 108, 115
Decimal	6517616
CIE Lab	47.00, -6.60, -0.36
CIE LCh	47, 6.610, 183.088
Yxy	16.0195, 0.2960, 0.3353
Android (android.graphics.Color)	4284707696 (0xFF637370)
YUV	109.8740, 1.0481, -9.5365
Hunter-Lab	40.0243, -6.9699, 1.9237

Details

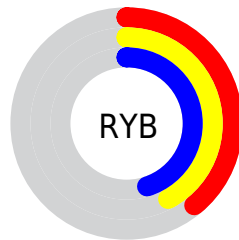
The CIELCh color **47, 6.610, 183.088** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 6.980, 5.423**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 6.562, 184.258**, and **27, 6.768, 181.487** is the 20% darker color. If you saturate the color by 10%, you get **46, 11.160, 182.174**, and if you desaturate by 10%, it is **48, 1.890, 184.058**.

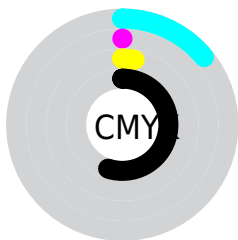
Distribution



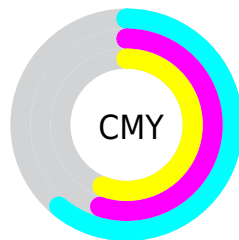
- Red (39%)
- Green (45%)
- Blue (44%)



- Red (39%)
- Yellow (42%)
- Blue (45%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (55%)















- Cyan (61%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 6.610, 183.088 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, 6.610, 183.088 by changing the saturation by 10% instead.

 47, 6.610, 183.088	 47, 6.610, 183.088
 100, 6.610, 183.088	 37, 6.610, 183.088
 67, 6.610, 183.088	 27, 6.610, 183.088
 77, 6.610, 183.088	 17, 6.610, 183.088
 87, 6.610, 183.088	 7, 6.610, 183.088
 97, 6.610, 183.088	 0, 6.610, 183.088

 47, 6.610, 183.088	 47, 6.610, 183.088
 46, 11.160, 182.174	 48, 1.890, 184.058
 45, 15.469,	 49, 2.943, 4.575

181.232

50, 7.836, 5.435

45, 19.464,
180.236

51, 12.746, 6.214

44, 23.074,
179.170

53, 17.642, 6.961

44, 26.234,
178.015

54, 22.498, 7.682

43, 28.895,
176.753

57, 32.023, 9.060

43, 31.037,
175.362

58, 36.672, 9.717

43, 32.687,
173.839

43, 33.622,
172.937

Harmonies

Complementary

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



47, 6.610, 183.088



43, 6.980, 5.423

Rectangle

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



47, 6.610, 183.088



47, 6.610, 233.088



47, 6.610, 3.088



47, 6.610, 53.088

Sweetspot

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



47, 6.611, 183.081



62, 2.396, 184.036



47, 10.870, 138.196



32, 1.715, 183.960



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, 6.611, 183.081



60, 10.010, 182.764



46, 5.170, 232.665



24, 2.736, 183.526



46, 35.257, 172.807



88, 60.537, 171.758

Inverse Universe

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



43, 6.980, 5.423



55, 10.722, 5.798



45, 5.562, 50.651



23, 2.834, 4.922



24, 53.434, 28.245



52, 93.208, 31.452

Previews

White Background



This preview shows how the CIELCh color 47, 6.610, 183.088 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, 6.610, 183.088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

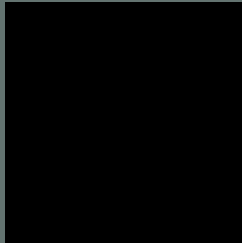
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

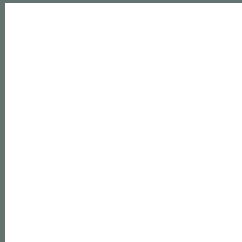
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 6.610, 183.088

Background



This preview shows how black text looks on a background with the CIELCh color 47, 6.610, 183.088.



This preview shows how white text looks on a background with the CIELCh color 47, 6.610, 183.088.

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, 6.610, 183.088

Protanopia

47, 1.697, 63.301

Deuteranopia

47, 6.114, 351.267



Tritanopia
47, 6.940, 249.438

Trichromacy



Original Color
47, 6.610, 183.088

Protanomaly
47, 2.018, 163.507

Deuteranomaly
47, 2.170, 324.501

Tritanomaly
47, 5.868, 222.773

Monochromacy



Original Color
47, 6.610, 183.088

Achromatopsia
46, 0.006, 296.813

Achromatomaly
47, 2.496, 185.528

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 6.610, 183.088 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(99, 115, 112)` looks like.

```
.text, #text, p{  
    color:rgb(99, 115, 112)  
}
```

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(99, 115, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 115, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 6.610, 183.088 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(99, 115, 112) }
```

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

```
.border{ border-color:rgb(99, 115, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 115, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 115, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 115, 112);  
box-shadow:4px 4px 4px 4px rgb(99, 115,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 6.610, 183.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 115, 112) }
```

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

```
.background{ background-color: rgb(99, 115,  
112) }
```

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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