

Converting Colors

CIELCh(47, 7.324, 216.906)

Have a look what the booklet for
CIELCh(47, 7.324, 216.906) contains.

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Color

CIELCh(47, 7.583, 216.951)

Conversions

Conversions Part 1

Format	Color
Hex	607377
RGB	96, 115, 119
RGB Percent	38%, 45%, 47%
CMY	0.6243, 0.5498, 0.5341
CMYK	0.19, 0.03, 0.00, 0.53
HSL	190°, 11%, 42%
HSV	190°, 19%, 47%
XYZ	14.2292, 16.0195, 19.7319
YIQ	109.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

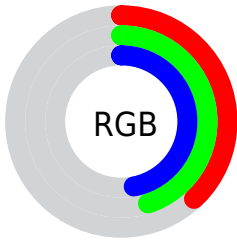
Format	Color
R_{YB}	96, 106, 119
Decimal	6321015
CIE _{Lab}	47.00, -6.06, -4.56
CIE _{LCh}	47, 7.583, 216.951
Yxy	16.0195, 0.2847, 0.3205
Android (android.graphics.Color)	4284511095 (0xFF607377)
YUV	109.7750, 4.5479, -12.0807
Hunter-Lab	40.0243, -6.5831, -1.2128

Details

The CIELCh color **47, 7.583, 216.951** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 8.574, 36.413**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 7.542, 215.961**, and **27, 7.659, 218.340** is the 20% darker color. If you saturate the color by 10%, you get **46, 11.137, 217.341**, and if you desaturate by 10%, it is **48, 3.765, 216.727**.

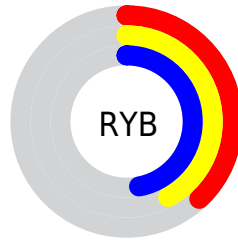
Distribution



Red (38%)

Green (45%)

Blue (47%)



Red (38%)

Yellow (42%)

Blue (47%)

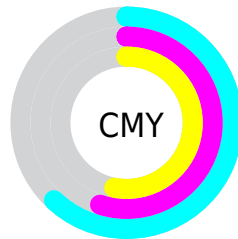


Cyan (19%)

Magenta (3%)

Yellow (0%)

Black (53%)



Cyan (62%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 7.583, 216.951 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, 7.583, 216.951 by changing the saturation by 10% instead.

■ 47, 7.583, 216.951

■ 47, 7.583, 216.951

■ 100, 7.583,
216.951

■ 37, 7.583, 216.951

■ 67, 7.583, 216.951

■ 27, 7.583, 216.951

■ 77, 7.583, 216.951

■ 17, 7.583, 216.951

■ 87, 7.583, 216.951

■ 7, 7.583, 216.951

■ 97, 7.583, 216.951

■ 0, 7.583, 216.951

■ 47, 7.583, 216.951

■ 47, 7.583, 216.951

■ 46, 11.137,
217.341

■ 48, 3.765, 216.727

■ 44, 14.370,

■ 50, 0.264, 35.062

217.935

52, 4.457, 36.338

43, 17.223,
218.764

53, 8.773, 36.394

42, 19.642,
219.880

55, 13.178, 36.477

41, 21.589,
221.344

57, 17.645, 36.595

40, 23.043,
223.222

61, 26.677, 36.906

39, 24.019,
225.576

62, 31.211, 37.087

38, 24.712,
228.246

38, 24.758,
228.415

Harmonies

Complementary

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



47, 7.583, 216.951



44, 8.574, 36.413

Rectangle

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



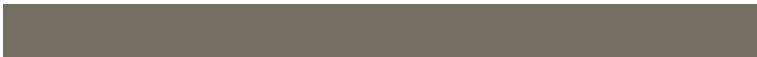
47, 7.583, 216.951



47, 7.583, 266.951



47, 7.583, 36.951



47, 7.583, 86.951

Sweetspot

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



47, 7.583, 216.943



63, 3.034, 216.718



48, 14.761, 148.146



33, 2.026, 216.716



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, 7.583, 216.943



60, 11.092, 217.090



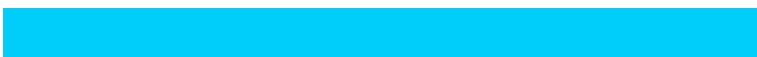
44, 9.577, 273.729



24, 2.243, 216.724



39, 25.294, 228.528



77, 42.933, 230.558

Inverse Universe

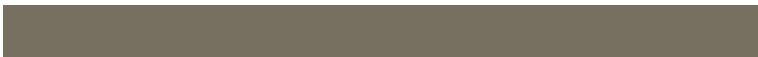
The Inverse Universe completely reimagines the original color for something new.



43, 14.731, 330.755



55, 21.846, 331.015



47, 9.613, 88.784



23, 4.218, 330.123



27, 58.893, 336.259



57, 99.146, 336.794

Previews

White Background



This preview shows how the CIELCh color 47, 7.583, 216.951 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, 7.583, 216.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

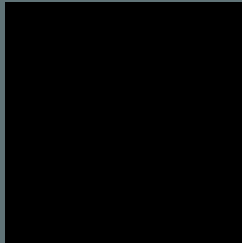
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

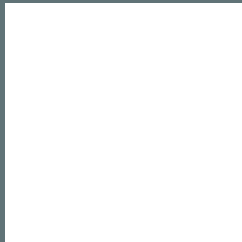
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 7.583, 216.951

Background



This preview shows how black text looks on a background with the CIELCh color 47, 7.583, 216.951.



This preview shows how white text looks on a background with the CIELCh color 47, 7.583, 216.951.

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, 7.583, 216.951

Protanopia

47, 2.996, 298.272

Deuteranopia

47, 8.196, 320.213



Tritanopia
47, 8.218, 239.470

Trichromacy



Original Color
47, 7.583, 216.951

Protanomaly
47, 3.753, 251.513

Deuteranomaly
47, 5.931, 290.993

Tritanomaly
47, 7.582, 232.107

Monochromacy



Original Color
47, 7.583, 216.951

Achromatopsia
46, 0.006, 296.813

Achromatomaly
47, 2.846, 211.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 7.583, 216.951 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(96, 115, 119)` looks like.

```
.text, #text, p{  
    color:rgb(96, 115, 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(96, 115, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 115, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 7.583, 216.951 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(96, 115, 119) }
```

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

```
.border{ border-color:rgb(96, 115, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 115, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 115, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 115, 119);  
box-shadow:4px 4px 4px 4px rgb(96, 115,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 7.583, 216.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 115, 119) }
```

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

```
.background{ background-color: rgb(96, 115,  
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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