

Converting Colors

CIELCh(47, 5.937, 324.839)

Have a look what the booklet for
CIELCh(47, 5.937, 324.839) contains.

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Color

CIELCh(47, 5.761, 324.768)

Conversions

Conversions Part 1

Format	Color
Hex	756D75
RGB	117, 109, 117
RGB Percent	46%, 43%, 46%
CMY	0.5410, 0.5723, 0.5410
CMYK	0.00, 0.07, 0.00, 0.54
HSL	300°, 4%, 44%
HSV	300°, 7%, 46%
XYZ	16.0314, 16.0195, 19.0930
YIQ	112.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

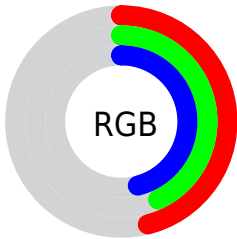
Format	Color
RYB	117, 109, 117
Decimal	7695733
CIELab	47.00, 4.71, -3.32
CIELCh	47, 5.761, 324.768
Yxy	16.0195, 0.3135, 0.3132
Android (android.graphics.Color)	4285885813 (0xFF756D75)
YUV	112.3040, 2.3151, 4.1184
Hunter-Lab	40.0243, 1.4540, -0.2664

Details

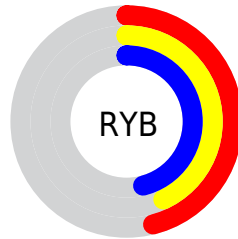
The CIELCh color $47, 5.761, 324.768$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 5.747, 144.099$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 6.057, 324.691$, and $27, 5.530, 324.912$ is the 20% darker color. If you saturate the color by 10%, you get $44, 14.254, 325.308$, and if you desaturate by 10%, it is $50, 2.637, 144.347$.

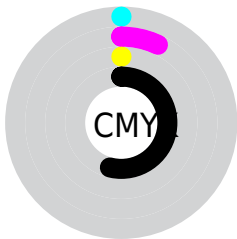
Distribution



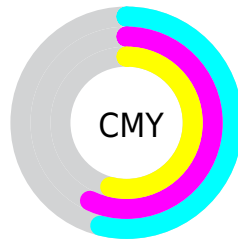
- Red (46%)
- Green (43%)
- Blue (46%)



- Red (46%)
- Yellow (43%)
- Blue (46%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (54%)



- Cyan (54%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 5.761, 324.768 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, 5.761, 324.768 by changing the saturation by 10% instead.

■ 47, 5.761, 324.768

■ 47, 5.761, 324.768

■ 100, 5.761,
324.768

■ 37, 5.761, 324.768

■ 67, 5.761, 324.768

■ 27, 5.761, 324.768

■ 77, 5.761, 324.768

■ 17, 5.761, 324.768

■ 87, 5.761, 324.768

■ 7, 5.761, 324.768

■ 97, 5.761, 324.768

■ 0, 5.761, 324.768

■ 47, 5.761, 324.768

■ 47, 5.761, 324.768

■ 44, 14.254,
325.308

■ 50, 2.637, 144.347

■ 41, 22.741,

■ 54, 10.867,
143.790

325.828

57, 18.889,
143.294

38, 31.067,
326.327

61, 26.681,
142.822

35, 39.026,
326.794

64, 34.234,
142.376

33, 46.360,
327.215

68, 41.550,
141.955

31, 52.773,
327.573

71, 48.634,
141.559

29, 57.979,
327.858

75, 55.496,
141.190

28, 61.756,
328.061

78, 62.148,
140.846

27, 64.257,
328.194

Harmonies

Complementary

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



47, 5.761, 324.768



48, 5.747, 144.099

Rectangle

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



47, 5.761, 324.768



47, 5.761, 14.768



47, 5.761, 144.768



47, 5.761, 194.768

Sweetspot

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



47, 5.759, 324.768



62, 2.096, 324.449



46, 4.753, 290.840



32, 1.185, 324.432



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, 5.759, 324.768



60, 8.402, 324.845



47, 4.051, 344.120



23, 4.757, 324.890



28, 67.129, 328.234



59, 113.809, 328.234

Inverse Universe

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



47, 5.759, 324.768



60, 8.402, 324.845



48, 4.012, 163.183



23, 4.757, 324.890



28, 67.129, 328.234



59, 113.809, 328.234

Previews

White Background



This preview shows how the CIELCh color 47, 5.761, 324.768 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, 5.761, 324.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

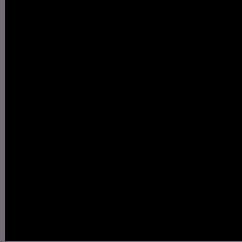
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 5.761, 324.768

Background



This preview shows how black text looks on a background with the CIELCh color 47, 5.761, 324.768.



This preview shows how white text looks on a background with the CIELCh color 47, 5.761, 324.768.

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, 5.761, 324.768

Protanopia

47, 4.147, 290.752

Deuteranopia

47, 7.238, 332.929



Tritanopia
47, 6.256, 321.723

Trichromacy



Original Color

47, 5.761, 324.768

Protanomaly

47, 4.908, 304.910

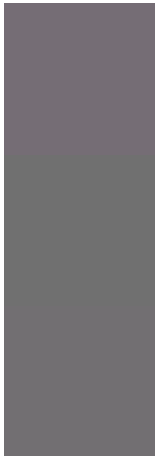
Deuteranomaly

47, 6.971, 330.410

Tritanomaly

47, 6.256, 321.723

Monochromacy



Original Color

47, 5.761, 324.768

Achromatopsia

47, 0.006, 296.813

Achromatomaly

47, 2.167, 324.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 5.761, 324.768 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(117, 109, 117)` looks like.

```
.text, #text, p{  
    color:rgb(117, 109, 117)  
}
```

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(117, 109, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 109, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 5.761, 324.768 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(117, 109, 117) }
```

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

```
.border{ border-color:rgb(117, 109, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 109, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 109, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 109, 117);  
box-shadow:4px 4px 4px 4px rgb(117, 109,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 5.761, 324.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 109, 117) }
```

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

```
.background{ background-color: rgb(117,  
109, 117) }
```

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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