

Converting Colors

CIELCh(47, 8.108, 319.179)

Have a look what the booklet for
CIELCh(47, 8.108, 319.179) contains.

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Color

CIELCh(47, 8.196, 320.213)

Conversions

Conversions Part 1

Format	Color
Hex	766C78
RGB	118, 108, 120
RGB Percent	46%, 42%, 47%
CMY	0.5361, 0.5754, 0.5283
CMYK	0.02, 0.10, 0.00, 0.53
HSL	290°, 5%, 45%
HSV	290°, 10%, 47%
XYZ	16.3102, 16.0195, 20.0931
YIQ	112.3580, 2.1080, 5.8520

Conversions

Conversions Part 2

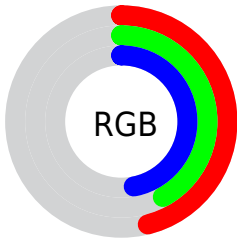
Format	Color
R_{YB}	118, 108, 120
Decimal	7761016
CIE _{Lab}	47.00, 6.30, -5.24
CIE _{LCh}	47, 8.196, 320.213
Yxy	16.0195, 0.3111, 0.3056
Android (android.graphics.Color)	4285951096 (0xFF766C78)
YUV	112.3580, 3.7675, 4.9480
Hunter-Lab	40.0243, 2.6974, -1.7479

Details

The CIELCh color $47, 8.196, 320.213$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 8.155, 139.362$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 8.333, 320.490$, and $27, 8.202, 319.952$ is the 20% darker color. If you saturate the color by 10%, you get $44, 16.518, 320.659$, and if you desaturate by 10%, it is $51, 0.012, 152.446$.

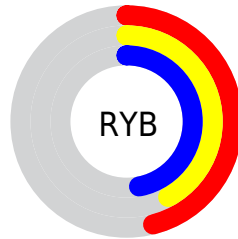
Distribution



Red (46%)

Green (42%)

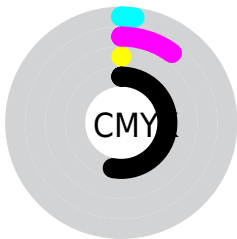
Blue (47%)



Red (46%)

Yellow (42%)

Blue (47%)

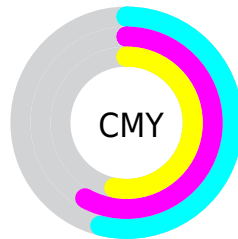


Cyan (2%)

Magenta (10%)

Yellow (0%)

Black (53%)



Cyan (54%)

Magenta (58%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 8.196, 320.213 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, 8.196, 320.213 by changing the saturation by 10% instead.

■ 47, 8.196, 320.213

■ 47, 8.196, 320.213

■ 100, 8.196,
320.213

■ 37, 8.196, 320.213

■ 67, 8.196, 320.213

■ 27, 8.196, 320.213

■ 77, 8.196, 320.213

■ 17, 8.196, 320.213

■ 87, 8.196, 320.213

■ 7, 8.196, 320.213

■ 97, 8.196, 320.213

■ 0, 8.196, 320.213

■ 47, 8.196, 320.213

■ 47, 8.196, 320.213

■ 44, 16.518,
320.659

■ 51, 0.012, 152.446

■ 40, 24.872,

■ 54, 8.048, 139.401

321.095

58, 15.883,
138.996

37, 33.126,
321.508

61, 23.505,
138.620

34, 41.090,
321.878

65, 30.908,
138.271

31, 48.510,
322.177

69, 38.095,
137.948

29, 55.071,
322.374

72, 45.072,
137.651

27, 60.432,
322.433

76, 51.849,
137.378

25, 64.302,
322.323

80, 58.434,
137.129

24, 67.190,
322.112

Harmonies

Complementary

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



47, 8.196, 320.213



49, 8.155, 139.362

Rectangle

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



47, 8.196, 320.213



47, 8.196, 10.213



47, 8.196, 140.213



47, 8.196, 190.213

Sweetspot

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



47, 8.194, 320.212



63, 3.027, 319.872



47, 5.968, 283.460



33, 2.313, 319.914



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, 8.194, 320.212



59, 12.185, 320.317



47, 6.818, 336.302



24, 4.689, 320.172



25, 69.062, 322.089



53, 116.386, 321.776

Inverse Universe

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



47, 5.108, 6.629



59, 7.630, 6.864



49, 6.777, 155.011



24, 2.918, 6.538



25, 55.008, 29.909



53, 95.297, 32.910

Previews

White Background



This preview shows how the CIELCh color 47, 8.196, 320.213 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, 8.196, 320.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

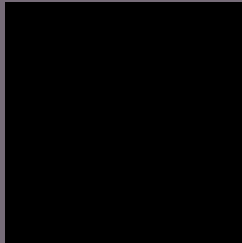
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 8.196, 320.213

Background



This preview shows how black text looks on a background with the CIELCh color 47, 8.196, 320.213.



This preview shows how white text looks on a background with the CIELCh color 47, 8.196, 320.213.

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, 8.196, 320.213

Protanopia

47, 6.518, 287.635

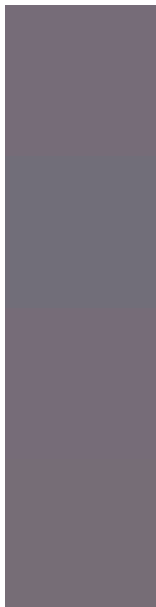
Deuteranopia

47, 8.196, 320.213



Tritanopia
47, 5.998, 328.000

Trichromacy



Original Color
47, 8.196, 320.213

Protanomaly
47, 6.644, 301.307

Deuteranomaly
47, 8.196, 320.213

Tritanomaly
47, 6.474, 324.812

Monochromacy



Original Color
47, 8.196, 320.213

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 3.388, 318.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 8.196, 320.213 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(118, 108, 120)` looks like.

```
.text, #text, p{  
    color:rgb(118, 108, 120)  
}
```

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(118, 108, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 108, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 8.196, 320.213 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(118, 108, 120) }
```

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

```
.border{ border-color:rgb(118, 108, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 108, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 108, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 108, 120);  
box-shadow:4px 4px 4px 4px rgb(118, 108,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 8.196, 320.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 108, 120) }
```

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

```
.background{ background-color: rgb(118,  
108, 120) }
```

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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