

Converting Colors

CIELCh(48, 10.092, 340.742)

Have a look what the booklet for
CIELCh(48, 10.092, 340.742)
contains.

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Color

CIELCh(48, 10.076, 340.727)

Conversions

Conversions Part 1

Format	Color
Hex	806D78
RGB	128, 109, 120
RGB Percent	50%, 43%, 47%
CMY	0.4992, 0.5736, 0.5305
CMYK	0.00, 0.15, 0.06, 0.50
HSL	325°, 8%, 46%
HSV	325°, 15%, 50%
XYZ	17.6713, 16.7945, 19.9901
YIQ	115.9350, 7.7930, 7.4490

Conversions

Conversions Part 2

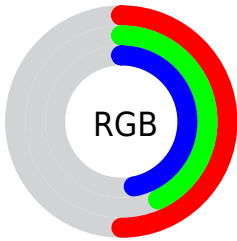
Format	Color
R_{YB}	128, 109, 120
Decimal	8416632
CIE _{Lab}	48.00, 9.51, -3.33
CIE _{LCh}	48, 10.076, 340.727
Yxy	16.7945, 0.3245, 0.3084
Android (android.graphics.Color)	4286606712 (0xFF806D78)
YUV	115.9350, 2.0040, 10.5810
Hunter-Lab	40.9810, 5.2536, -0.2343

Details

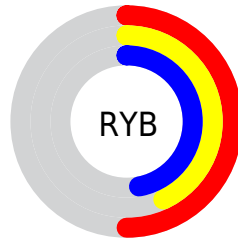
The CIELCh color $48, 10.076, 340.727$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 9.950, 158.510$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 9.728, 341.891$, and $28, 10.667, 339.711$ is the 20% darker color. If you saturate the color by 10%, you get $44, 16.958, 341.581$, and if you desaturate by 10%, it is $52, 3.269, 339.902$.

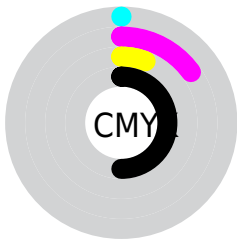
Distribution



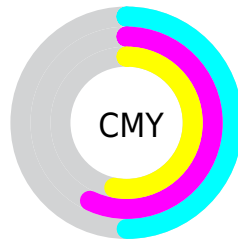
- Red (50%)
- Green (43%)
- Blue (47%)



- Red (50%)
- Yellow (43%)
- Blue (47%)



- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (50%)




- Cyan (50%)
- Magenta (57%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 10.076, 340.727 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 48, 10.076, 340.727 by changing the saturation by 10% instead.

 48, 10.076,
340.727


 48, 10.076,
340.727


 100, 10.076,
340.727

 38, 10.076,
340.727

 68, 10.076,
340.727


 28, 10.076,
340.727

 78, 10.076,
340.727

 18, 10.076,
340.727


 88, 10.076,
340.727

 8, 10.076, 340.727

 98, 10.076,
340.727

 0, 10.076, 340.727

 48, 10.076,

 48, 10.076,

340.727

44, 16.958,
341.581

41, 23.809,
342.513

38, 30.460,
343.553

35, 36.680,
344.737

32, 42.176,
346.118

30, 46.620,
347.771

29, 49.728,
349.794

27, 51.417,
352.281

340.727

52, 3.269, 339.902

55, 3.391, 159.355

59, 9.868, 158.642

63, 16.145,
158.017

67, 22.219,
157.438

71, 28.093,
156.899

74, 33.778,
156.395

78, 39.285,
155.923

82, 44.626,

■ 27, 52.154,
353.606

155.480

Harmonies

Complementary

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



48, 10.076, 340.727



52, 9.950, 158.510

Rectangle

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



48, 10.076, 340.727



48, 10.076, 30.727



48, 10.076, 160.727



48, 10.076, 210.727

Sweetspot

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



48, 10.074, 340.729



66, 3.322, 339.829



47, 11.708, 306.825



34, 2.380, 339.892



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48, 10.074, 340.729



60, 15.135, 341.024



48, 7.981, 13.674



25, 3.794, 340.259



27, 52.092, 353.601



0, 0.000, 0.000

Inverse Universe

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



48, 10.074, 340.729



60, 15.135, 341.024



52, 7.388, 191.504



25, 3.794, 340.259



27, 52.092, 353.601



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 48, 10.076, 340.727 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 48, 10.076, 340.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

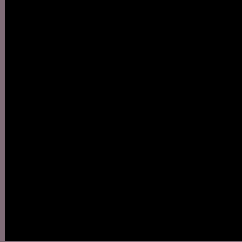
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 10.076, 340.727

Background



This preview shows how black text looks on a background with the CIELCh color 48, 10.076, 340.727.



This preview shows how white text looks on a background with the CIELCh color 48, 10.076, 340.727.

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


48, 10.076, 340.727

Protanopia

48, 5.922, 294.770

Deuteranopia

48, 6.788, 336.288



Tritanopia
48, 9.059, 344.780

Trichromacy



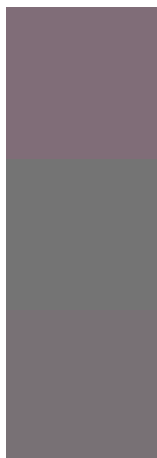
Original Color
48, 10.076, 340.727

Protanomaly
48, 7.268, 316.935

Deuteranomaly
48, 8.086, 339.476

Tritanomaly
48, 9.402, 341.842

Monochromacy



Original Color
48, 10.076, 340.727

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 3.705, 340.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 10.076, 340.727 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(128, 109, 120)` looks like.

```
.text, #text, p{  
    color:rgb(128, 109, 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(128, 109, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 109, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 10.076, 340.727 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(128, 109, 120) }
```

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

```
.border{ border-color:rgb(128, 109, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 109, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 109, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 109, 120);  
box-shadow:4px 4px 4px 4px rgb(128, 109,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 10.076, 340.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 109, 120) }
```

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

```
.background{ background-color: rgb(128,  
109, 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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