

Converting Colors

CIELCh(47, 10.204, 326.292)

Have a look what the booklet for
CIELCh(47, 10.204, 326.292)
contains.

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Color

CIELCh(47, 10.275, 326.931)

Conversions

Conversions Part 1

Format	Color
Hex	7A6B79
RGB	122, 107, 121
RGB Percent	48%, 42%, 47%
CMY	0.5217, 0.5806, 0.5257
CMYK	0.00, 0.12, 0.01, 0.52
HSL	304°, 7%, 45%
HSV	304°, 12%, 48%
XYZ	16.7208, 16.0195, 20.2852
YIQ	113.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

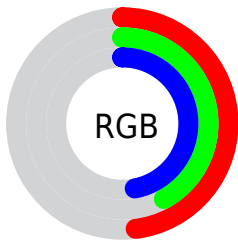
Format	Color
R_{YB}	122, 107, 121
Decimal	8022905
CIE Lab	47.00, 8.61, -5.61
CIE LCh	47, 10.275, 326.931
Yxy	16.0195, 0.3153, 0.3021
Android (android.graphics.Color)	4286212985 (0xFF7A6B79)
YUV	113.0810, 3.9041, 7.8220
Hunter-Lab	40.0243, 4.5288, -2.0324

Details

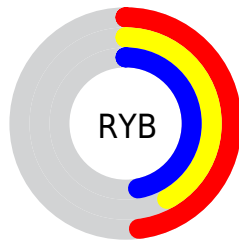
The CIELCh color $47, 10.275, 326.931$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 10.257, 145.581$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 10.287, 326.652$, and $27, 10.207, 325.301$ is the 20% darker color. If you saturate the color by 10%, you get $44, 18.685, 327.486$, and if you desaturate by 10%, it is $50, 1.910, 326.309$.

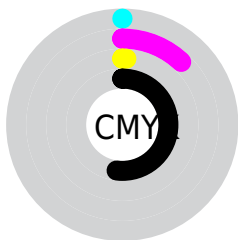
Distribution



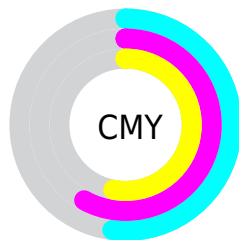
- Red (48%)
- Green (42%)
- Blue (47%)



- Red (48%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (12%)
- Yellow (1%)
- Black (52%)





- Cyan (52%)
- Magenta (58%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 10.275, 326.931 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, 10.275, 326.931 by changing the saturation by 10% instead.


 47, 10.275,
326.931


 47, 10.275,
326.931


 100, 10.275,
326.931


 37, 10.275,
326.931

 67, 10.275,
326.931


 27, 10.275,
326.931

 77, 10.275,
326.931

 17, 10.275,
326.931


 87, 10.275,
326.931

 7, 10.275, 326.931

 97, 10.275,
326.931

 0, 10.275, 326.931

 47, 10.275,

 47, 10.275,

326.931

44, 18.685,
327.486

41, 27.017,
328.032

38, 35.085,
328.563

35, 42.650,
329.072

33, 49.420,
329.547

31, 55.081,
329.981

29, 59.354,
330.370

28, 62.074,
330.717

326.931

50, 1.910, 326.309

54, 6.318, 145.910

57, 14.358,
145.381

61, 22.182,
144.885

65, 29.775,
144.414

68, 37.136,
143.968

72, 44.270,
143.547

76, 51.185,
143.151

■ 28, 63.660,
330.969

■ 79, 57.892,
142.779

Harmonies

Complementary

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



47, 10.275, 326.931



50, 10.257, 145.581

Rectangle

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



47, 10.275, 326.931



47, 10.275, 16.931



47, 10.275, 146.931



47, 10.275, 196.931

Sweetspot

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



47, 10.273, 326.931



63, 4.114, 326.450



46, 8.944, 293.278



32, 2.909, 326.492



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, 10.273, 326.931



59, 15.518, 327.102



47, 7.345, 347.437



24, 4.711, 326.749



28, 64.771, 330.976



59, 108.737, 331.135

Inverse Universe

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



47, 10.273, 326.931



59, 15.518, 327.102



50, 7.208, 165.447



24, 4.711, 326.749



28, 64.771, 330.976



59, 108.737, 331.135

Previews

White Background



This preview shows how the CIELCh color 47, 10.275, 326.931 looks on a white background.

Color Contrast Check

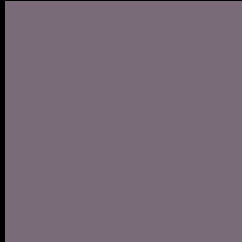
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.275, 326.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

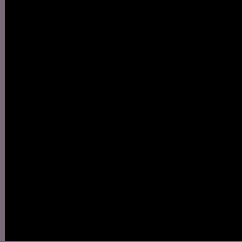
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 10.275, 326.931

Background



This preview shows how black text looks on a background with the CIELCh color 47, 10.275, 326.931.



This preview shows how white text looks on a background with the CIELCh color 47, 10.275, 326.931.

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, 10.275, 326.931

Protanopia

47, 7.109, 288.011

Deuteranopia

47, 8.714, 318.310



Tritanopia
47, 7.118, 338.652

Trichromacy



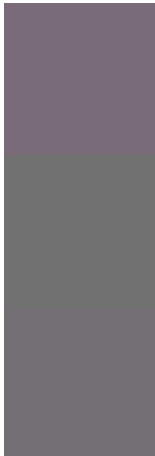
Original Color
47, 10.275, 326.931

Protanomaly
47, 7.306, 303.570

Deuteranomaly
47, 8.904, 320.627

Tritanomaly
47, 7.941, 332.256

Monochromacy



Original Color
47, 10.275, 326.931

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 3.601, 324.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 10.275, 326.931 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(122, 107, 121)` looks like.

```
.text, #text, p{  
    color:rgb(122, 107, 121)  
}
```

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(122, 107, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 107, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 10.275, 326.931 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(122, 107, 121) }
```

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

```
.border{ border-color:rgb(122, 107, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 107, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 107, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 107, 121);  
box-shadow:4px 4px 4px 4px rgb(122, 107,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 10.275, 326.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 107, 121) }
```

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

```
.background{ background-color: rgb(122,  
107, 121) }
```

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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