

Converting Colors

CIELCh(47, 14.308, 329.387)

Have a look what the booklet for
CIELCh(47, 14.308, 329.387)
contains.

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Color

CIELCh(47, 14.287, 329.379)

Conversions

Conversions Part 1

Format	Color
Hex	7F697C
RGB	127, 105, 124
RGB Percent	50%, 41%, 49%
CMY	0.5026, 0.5889, 0.5144
CMYK	0.00, 0.17, 0.02, 0.50
HSL	308°, 9%, 45%
HSV	308°, 17%, 50%
XYZ	17.3892, 16.0195, 21.1883
YIQ	113.7440, 7.0130, 10.5730

Conversions

Conversions Part 2

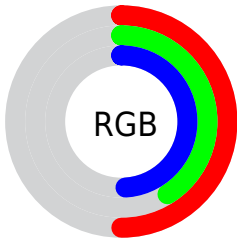
Format	Color
R_{YB}	127, 105, 124
Decimal	8350076
CIE Lab	47.00, 12.29, -7.28
CIE LCh	47, 14.287, 329.379
Yxy	16.0195, 0.3185, 0.2934
Android (android.graphics.Color)	4286540156 (0xFF7F697C)
YUV	113.7440, 5.0562, 11.6255
Hunter-Lab	40.0243, 7.5095, -3.3703

Details

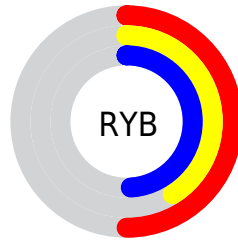
The CIELCh color $47, 14.287, 329.379$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 14.253, 147.317$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 14.716, 328.801$, and $27, 14.032, 330.239$ is the 20% darker color. If you saturate the color by 10%, you get $44, 22.551, 329.972$, and if you desaturate by 10%, it is $50, 6.016, 328.783$.

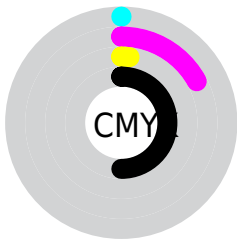
Distribution



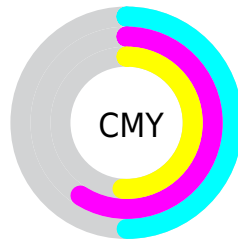
- Red (50%)
- Green (41%)
- Blue (49%)



- Red (50%)
- Yellow (41%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (50%)





- Cyan (50%)
- Magenta (59%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 14.287, 329.379 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, 14.287, 329.379 by changing the saturation by 10% instead.


 47, 14.287,
329.379


 47, 14.287,
329.379


 100, 14.287,
329.379


 37, 14.287,
329.379

 67, 14.287,
329.379


 27, 14.287,
329.379

 77, 14.287,
329.379

 17, 14.287,
329.379


 87, 14.287,
329.379

 7, 14.287, 329.379

 97, 14.287,
329.379

 0, 14.287, 329.379

 47, 14.287,

 47, 14.287,

329.379

329.379

44, 22.551,
329.972

50, 6.016, 328.783

40, 30.659,
330.569

54, 2.153, 148.354

38, 38.396,
331.164

58, 10.156,
147.736

35, 45.485,
331.756

61, 17.955,
147.208

33, 51.608,
332.343

65, 25.532,
146.709

31, 56.440,
332.929

69, 32.882,
146.236

30, 59.732,
333.524

73, 40.008,
145.789

29, 61.628,
334.138

76, 46.918,
145.368

■ 28, 62.100,
334.299

■ 80, 53.623,
144.970

Harmonies

Complementary

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



47, 14.287, 329.379



51, 14.253, 147.317

Rectangle

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



47, 14.287, 329.379



47, 14.287, 19.379



47, 14.287, 149.379



47, 14.287, 199.379

Sweetspot

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



47, 14.285, 329.379



66, 5.094, 328.642



45, 13.200, 296.833



34, 3.504, 328.681



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



47, 14.285, 329.379



59, 21.557, 329.626



47, 10.256, 353.094



25, 4.644, 328.890



29, 62.333, 334.303



0, 0.000, 0.000

Inverse Universe

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



47, 14.285, 329.379



59, 21.557, 329.626



51, 9.881, 169.988



25, 4.644, 328.890



29, 62.333, 334.303



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 14.287, 329.379 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, 14.287, 329.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

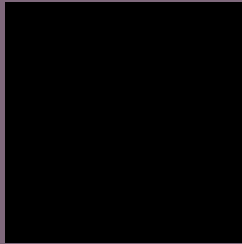
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 14.287, 329.379

Background



This preview shows how black text looks on a background with the CIELCh color 47, 14.287, 329.379.



This preview shows how white text looks on a background with the CIELCh color 47, 14.287, 329.379.

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, 14.287, 329.379

Protanopia

47, 10.076, 287.203

Deuteranopia

47, 8.914, 311.977



Tritanopia
47, 9.782, 347.779

Trichromacy



Original Color
47, 14.287, 329.379

Protanomaly
47, 10.380, 304.490

Deuteranomaly
47, 11.036, 321.579

Tritanomaly
47, 10.800, 339.785

Monochromacy



Original Color
47, 14.287, 329.379

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 5.269, 328.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 14.287, 329.379 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(127, 105, 124)` looks like.

```
.text, #text, p{  
    color:rgb(127, 105, 124)  
}
```

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(127, 105, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 105, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 14.287, 329.379 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(127, 105, 124) }
```

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

```
.border{ border-color:rgb(127, 105, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 105, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 105, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 105, 124);  
box-shadow:4px 4px 4px 4px rgb(127, 105,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 14.287, 329.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 105, 124) }
```

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

```
.background{ background-color: rgb(127,  
105, 124) }
```

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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