

Converting Colors

CIELCh(47, 14.167, 326.507)

Have a look what the booklet for
CIELCh(47, 14.167, 326.507)
contains.

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Color

CIELCh(47, 14.516, 326.624)

Conversions

Conversions Part 1

Format	Color
Hex	7E697D
RGB	126, 105, 125
RGB Percent	49%, 41%, 49%
CMY	0.5059, 0.5882, 0.5098
CMYK	0.00, 0.17, 0.01, 0.51
HSL	303°, 9%, 45%
HSV	303°, 17%, 49%
XYZ	17.3574, 16.0195, 21.5793
YIQ	113.5590, 6.0960, 10.6720

Conversions

Conversions Part 2

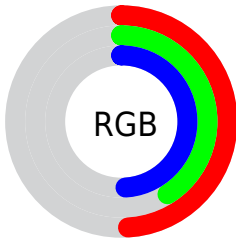
Format	Color
R_{YB}	126, 105, 125
Decimal	8284541
CIE Lab	47.00, 12.12, -7.99
CIE LCh	47, 14.516, 326.624
Yxy	16.0195, 0.3158, 0.2915
Android (android.graphics.Color)	4286474621 (0xFF7E697D)
YUV	113.5590, 5.6404, 10.9108
Hunter-Lab	40.0243, 7.3680, -3.9495

Details

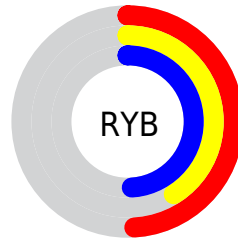
The CIELCh color $47, 14.516, 326.624$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 14.497, 144.745$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 14.932, 326.318$, and $27, 14.284, 327.126$ is the 20% darker color. If you saturate the color by 10%, you get $44, 23.248, 327.168$, and if you desaturate by 10%, it is $50, 5.776, 326.065$.

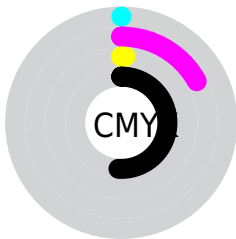
Distribution



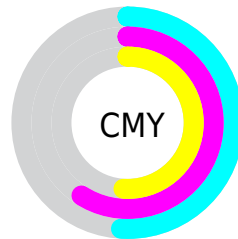
- Red (49%)
- Green (41%)
- Blue (49%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (51%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 14.516, 326.624 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, 14.516, 326.624 by changing the saturation by 10% instead.


 47, 14.516,
326.624


 47, 14.516,
326.624


 100, 14.516,
326.624


 37, 14.516,
326.624

 67, 14.516,
326.624


 27, 14.516,
326.624

 77, 14.516,
326.624

 17, 14.516,
326.624


 87, 14.516,
326.624

 7, 14.516, 326.624

 97, 14.516,
326.624

 0, 14.516, 326.624

 47, 14.516,

 47, 14.516,

326.624

44, 23.248,
327.168

41, 31.819,
327.698

38, 40.008,
328.205

35, 47.541,
328.679

33, 54.099,
329.107

31, 59.368,
329.481

30, 63.105,
329.799

29, 65.404,
330.068

326.624

50, 5.776, 326.065

54, 2.857, 145.634

58, 11.315,
145.066

61, 19.557,
144.559

65, 27.562,
144.079

69, 35.324,
143.623

72, 42.844,
143.194

76, 50.130,
142.789

■ 29, 66.111,
330.154

■ 80, 57.193,
142.410

Harmonies

Complementary

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



47, 14.516, 326.624



51, 14.497, 144.745

Rectangle

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



47, 14.516, 326.624



47, 14.516, 16.624



47, 14.516, 146.624



47, 14.516, 196.624

Sweetspot

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



47, 14.514, 326.624



65, 5.350, 325.972



45, 12.549, 293.132



33, 3.633, 326.007



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



47, 14.514, 326.624



59, 21.544, 326.832



47, 10.386, 346.885



25, 4.939, 326.205



29, 66.673, 330.157



0, 0.000, 0.000

Inverse Universe

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



47, 14.514, 326.624



59, 21.544, 326.832



51, 10.145, 164.102



25, 4.939, 326.205



29, 66.673, 330.157



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 14.516, 326.624 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, 14.516, 326.624 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, 14.516, 326.624

Background



This preview shows how black text looks on a background with the CIELCh color 47, 14.516, 326.624.



This preview shows how white text looks on a background with the CIELCh color 47, 14.516, 326.624.

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, 14.516, 326.624

Protanopia

47, 10.691, 285.520

Deuteranopia

47, 9.343, 308.430



Tritanopia
47, 8.770, 347.965

Trichromacy



Original Color
47, 14.516, 326.624

Protanomaly
47, 11.535, 303.242

Deuteranomaly
47, 10.643, 317.811

Tritanomaly
47, 10.893, 335.934

Monochromacy



Original Color
47, 14.516, 326.624

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 5.030, 324.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 14.516, 326.624 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(126, 105, 125)` looks like.

```
.text, #text, p{  
    color:rgb(126, 105, 125)  
}
```

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(126, 105, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 105, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 14.516, 326.624 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(126, 105, 125) }
```

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

```
.border{ border-color:rgb(126, 105, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 105, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 105, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 105, 125);  
box-shadow:4px 4px 4px 4px rgb(126, 105,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 14.516, 326.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 105, 125) }
```

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

```
.background{ background-color: rgb(126,  
105, 125) }
```

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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