

Converting Colors

CIELCh(47, 14.575, 330.467)

Have a look what the booklet for
CIELCh(47, 14.575, 330.467)
contains.

CIELCh(47, 14.532, 330.681)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(47, 14.532, 330.681)

Conversions

Conversions Part 1

Format	Color
Hex	80697C
RGB	128, 105, 124
RGB Percent	50%, 41%, 49%
CMY	0.4997, 0.5898, 0.5154
CMYK	0.00, 0.18, 0.03, 0.50
HSL	310°, 10%, 46%
HSV	310°, 18%, 50%
XYZ	17.4583, 16.0195, 21.1000
YIQ	114.0430, 7.6090, 10.7850

Conversions

Conversions Part 2

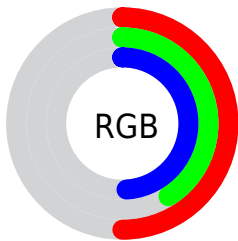
Format	Color
R_{YB}	128, 105, 124
Decimal	8415612
CIE _{Lab}	47.00, 12.67, -7.12
CIE _{LCh}	47, 14.532, 330.681
Yxy	16.0195, 0.3199, 0.2935
Android (android.graphics.Color)	4286605692 (0xFF80697C)
YUV	114.0430, 4.9088, 12.2403
Hunter-Lab	40.0243, 7.8179, -3.2394

Details

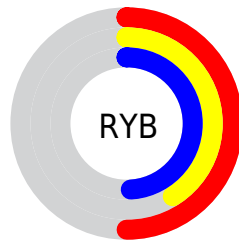
The CIELCh color $47, 14.532, 330.681$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 14.486, 148.472$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 14.947, 329.978$, and $27, 14.294, 331.708$ is the 20% darker color. If you saturate the color by 10%, you get $44, 22.622, 331.302$, and if you desaturate by 10%, it is $51, 6.431, 330.065$.

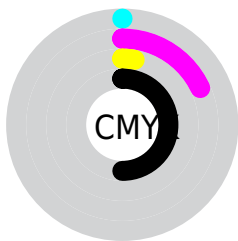
Distribution



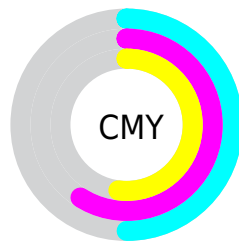
- Red (50%)
- Green (41%)
- Blue (49%)



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



- Cyan (0%)
- Magenta (18%)
- Yellow (3%)
- Black (50%)





- Cyan (50%)
- Magenta (59%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 14.532, 330.681 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, 14.532, 330.681 by changing the saturation by 10% instead.


 47, 14.532,
330.681


 47, 14.532,
330.681


 100, 14.532,
330.681


 37, 14.532,
330.681

 67, 14.532,
330.681


 27, 14.532,
330.681

 77, 14.532,
330.681

 17, 14.532,
330.681


 87, 14.532,
330.681

 7, 14.532, 330.681

 97, 14.532,
330.681

 0, 14.532, 330.681

 47, 14.532,

 47, 14.532,

330.681

330.681

44, 22.622,
331.302

51, 6.431, 330.065

40, 30.552,
331.934

54, 1.571, 149.659

37, 38.105,
332.577

58, 9.411, 148.988

35, 45.002,
333.232

62, 17.052,
148.447

33, 50.919,
333.903

65, 24.475,
147.936

31, 55.532,
334.602

69, 31.677,
147.454

29, 58.591,
335.346

73, 38.659,
146.998

29, 60.311,
336.144

77, 45.431,
146.567

80, 52.002,

■ 28, 60.639,
336.300

146.162

Harmonies

Complementary

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



47, 14.532, 330.681



51, 14.486, 148.472

Rectangle

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



47, 14.532, 330.681



47, 14.532, 20.681



47, 14.532, 150.681



47, 14.532, 200.681

Sweetspot

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



47, 14.530, 330.682



66, 4.961, 329.876



45, 13.828, 298.100



34, 3.412, 329.916



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, 14.530, 330.682



58, 22.005, 330.959



47, 10.534, 355.378



25, 4.523, 330.133



28, 60.615, 336.300



0, 0.000, 0.000

Inverse Universe

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



47, 14.530, 330.682



58, 22.005, 330.959



51, 10.080, 172.092



25, 4.523, 330.133



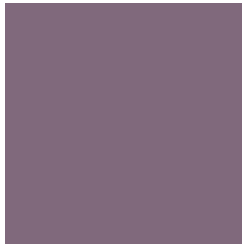
28, 60.615, 336.300



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 14.532, 330.681 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, 14.532, 330.681 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, 14.532, 330.681

Background



This preview shows how black text looks on a background with the CIELCh color 47, 14.532, 330.681.



This preview shows how white text looks on a background with the CIELCh color 47, 14.532, 330.681.

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, 14.532, 330.681

Protanopia

47, 9.487, 286.838

Deuteranopia

47, 8.914, 311.977



Tritanopia
47, 9.493, 350.813

Trichromacy



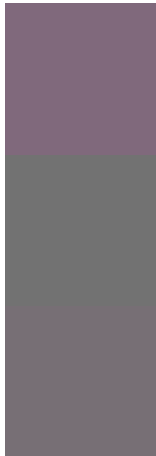
Original Color
47, 14.532, 330.681

Protanomaly
47, 10.477, 306.579

Deuteranomaly
47, 11.036, 321.579

Tritanomaly
47, 11.444, 342.630

Monochromacy



Original Color
47, 14.532, 330.681

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 4.821, 332.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 14.532, 330.681 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, 105, 124)` looks like.

```
.text, #text, p{  
    color:rgb(128, 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(128, 105, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 105, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 14.532, 330.681 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, 105, 124) }
```

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

```
.border{ border-color:rgb(128, 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(128, 105, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 105, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 105, 124);  
box-shadow:4px 4px 4px 4px rgb(128, 105,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 14.532, 330.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 105, 124) }
```

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

```
.background{ background-color: rgb(128,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor