

Converting Colors

CIELCh(47, 14.993, 354.731)

Have a look what the booklet for
CIELCh(47, 14.993, 354.731)
contains.

CIELCh(47, 14.721, 355.330)	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, 14.721, 355.330)

Conversions

Conversions Part 1

Format	Color
Hex	876772
RGB	135, 103, 114
RGB Percent	53%, 40%, 45%
CMY	0.4712, 0.5967, 0.5535
CMYK	0.00, 0.24, 0.16, 0.47
HSL	339°, 13%, 47%
HSV	339°, 24%, 53%
XYZ	17.8298, 16.0195, 18.0262
YIQ	113.8220, 15.5410, 10.2050

Conversions

Conversions Part 2

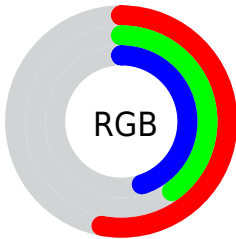
Format	Color
R_{YB}	135, 103, 114
Decimal	8873842
CIE _{Lab}	47.00, 14.67, -1.20
CIE _{LCh}	47, 14.721, 355.330
Yxy	16.0195, 0.3437, 0.3088
Android (android.graphics.Color)	4287063922 (0xFF876772)
YUV	113.8220, 0.0878, 18.5731
Hunter-Lab	40.0243, 9.4745, 1.3138

Details

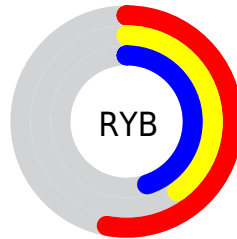
The CIELCh color $47, 14.721, 355.330$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $54, 13.909, 170.818$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 15.025, 354.860$, and $27, 14.633, 356.333$ is the 20% darker color. If you saturate the color by 10%, you get $43, 21.166, 356.595$, and if you desaturate by 10%, it is $51, 8.384, 354.234$.

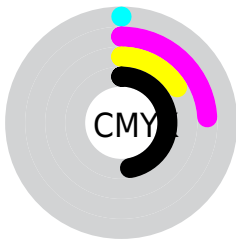
Distribution



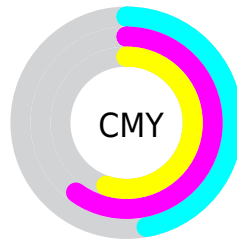
- Red (53%)
- Green (40%)
- Blue (45%)



- Red (53%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (24%)
- Yellow (16%)
- Black (47%)




- Cyan (47%)
- Magenta (60%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 14.721, 355.330 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, 14.721, 355.330 by changing the saturation by 10% instead.


 47, 14.721,
355.330


 47, 14.721,
355.330


 100, 14.721,
355.330


 37, 14.721,
355.330

 67, 14.721,
355.330


 27, 14.721,
355.330

 77, 14.721,
355.330


 17, 14.721,
355.330


 87, 14.721,
355.330

 7, 14.721, 355.330

 97, 14.721,
355.330

 0, 14.721, 355.330

 47, 14.721,

 47, 14.721,

355.330

355.330

43, 21.166,
356.595

51, 8.384, 354.234

40, 27.597,
358.084

55, 2.236, 353.174

59, 3.684, 172.582

37, 33.818,
359.879

63, 9.362, 171.770

34, 39.576, 2.089

67, 14.800,
171.073

31, 44.585, 4.855

71, 20.009,
170.444

30, 48.603, 8.338

75, 25.002,
169.870

28, 51.564, 12.665

28, 53.331, 15.481

79, 29.797,
169.341

83, 34.411,
168.852

Harmonies

Complementary

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



47, 14.721, 355.330



54, 13.909, 170.818

Rectangle

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



47, 14.721, 355.330



47, 14.721, 45.330



47, 14.721, 175.330



47, 14.721, 225.330

Sweetspot

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



47, 14.719, 355.333



68, 5.254, 353.560



47, 20.659, 315.105



36, 3.444, 353.610



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



47, 14.719, 355.333



58, 21.725, 355.928



48, 12.077, 34.105



26, 3.371, 353.761



27, 51.919, 15.270



0, 0.795, 352.998

Inverse Universe

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



47, 14.719, 355.333



58, 21.725, 355.928



53, 10.320, 214.188



26, 3.371, 353.761



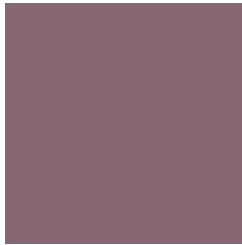
27, 51.919, 15.270



0, 0.795, 352.998

Previews

White Background



This preview shows how the CIELCh color 47, 14.721, 355.330 looks on a white background.

Color Contrast Check

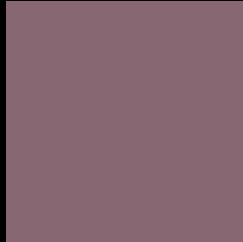
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.721, 355.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

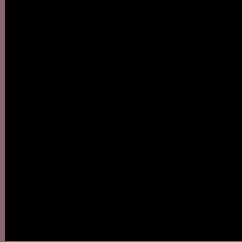
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 14.721, 355.330

Background



This preview shows how black text looks on a background with the CIELCh color 47, 14.721, 355.330.



This preview shows how white text looks on a background with the CIELCh color 47, 14.721, 355.330.

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, 14.721, 355.330

Protanopia

47, 4.761, 295.600

Deuteranopia

47, 6.479, 353.108



Tritanopia
47, 14.159, 1.915

Trichromacy



Original Color
47, 14.721, 355.330

Protanomaly
47, 7.238, 332.929

Deuteranomaly
47, 9.610, 355.218

Tritanomaly
47, 14.324, 359.661

Monochromacy



Original Color
47, 14.721, 355.330

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 5.467, 354.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 14.721, 355.330 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(135, 103, 114)` looks like.

```
.text, #text, p{  
    color:rgb(135, 103, 114)  
}
```

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(135, 103, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 103, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 14.721, 355.330 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(135, 103, 114) }
```

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

```
.border{ border-color:rgb(135, 103, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 103, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 103, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 103, 114);  
box-shadow:4px 4px 4px 4px rgb(135, 103,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 14.721, 355.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 103, 114) }
```

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

```
.background{ background-color: rgb(135,  
103, 114) }
```

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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