

Converting Colors

CIELCh(47, 14.516, 344.566)

Have a look what the booklet for
CIELCh(47, 14.516, 344.566)
contains.

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Color

CIELCh(47, 14.761, 344.560)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 846776 |
| RGB | 132, 103, 118 |
| RGB Percent | 52%, 40%, 46% |
| CMY | 0.4809, 0.5947, 0.5359 |
| CMYK | 0.00, 0.22, 0.11, 0.48 |
| HSL | 329°, 12%, 46% |
| HSV | 329°, 22%, 52% |
| XYZ | 17.7470, 16.0195, 19.4049 |
| YIQ | 113.3810, 12.4690, 10.8130 |

Conversions

Conversions Part 2

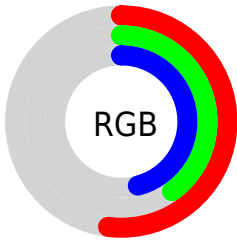
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 132, 103, 118 |
| Decimal | 8677238 |
| CIE Lab | 47.00, 14.23, -3.93 |
| CIE LCh | 47, 14.761, 344.560 |
| Yxy | 16.0195, 0.3338, 0.3013 |
| Android (android.graphics.Color) | 4286867318 (0xFF846776) |
| YUV | 113.3810, 2.2772, 16.3289 |
| Hunter-Lab | 40.0243, 9.1052, -0.7285 |

Details

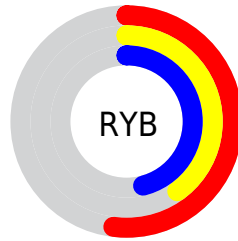
The CIELCh color $47, 14.761, 344.560$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $53, 14.405, 160.907$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 14.763, 344.182$, and $27, 14.645, 344.182$ is the 20% darker color. If you saturate the color by 10%, you get $43, 21.595, 345.559$, and if you desaturate by 10%, it is $51, 7.953, 343.657$.

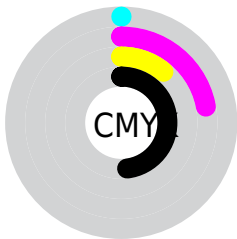
Distribution



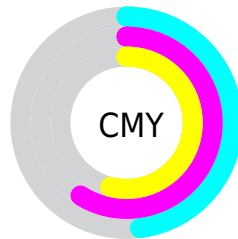
- Red (52%)
- Green (40%)
- Blue (46%)



- Red (52%)
- Yellow (40%)
- Blue (46%)



- Cyan (0%)
- Magenta (22%)
- Yellow (11%)
- Black (48%)




- Cyan (48%)
- Magenta (59%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 14.761, 344.560 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, 14.761, 344.560 by changing the saturation by 10% instead.


 47, 14.761,
344.560


 47, 14.761,
344.560

 100, 14.761,
344.560


 37, 14.761,
344.560

 67, 14.761,
344.560


 27, 14.761,
344.560

 77, 14.761,
344.560


 17, 14.761,
344.560


 87, 14.761,
344.560

 7, 14.761, 344.560

 97, 14.761,
344.560

 0, 14.761, 344.560

 47, 14.761,

 47, 14.761,

344.560

344.560

43, 21.595,
345.559

51, 7.953, 343.657

40, 28.316,
346.685

55, 1.269, 342.656

37, 34.708,
347.984

58, 5.238, 162.208

34, 40.495,
349.519

62, 11.541,
161.499

32, 45.351,
351.378

66, 17.633,
160.862

30, 48.970,
353.680

70, 23.515,
160.275

29, 51.166,
356.563

74, 29.195,
159.729

28, 52.408,
359.156

78, 34.685,
159.221

82, 39.999,

Harmonies

Complementary

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



47, 14.761, 344.560



53, 14.405, 160.907

Rectangle

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



47, 14.761, 344.560



47, 14.761, 34.560



47, 14.761, 164.560



47, 14.761, 214.560

Sweetspot

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



47, 14.759, 344.562



67, 5.723, 343.239



46, 18.108, 308.928



35, 3.750, 343.280



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



47, 14.759, 344.562



58, 21.628, 345.012



47, 12.393, 18.332



26, 3.757, 343.413



27, 51.756, 359.081



0, 0.890, 342.736

Inverse Universe

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



47, 14.759, 344.562



58, 21.628, 345.012



53, 10.874, 195.362



26, 3.757, 343.413



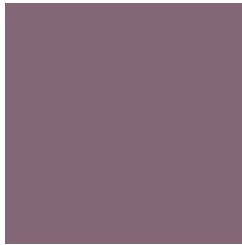
27, 51.756, 359.081



0, 0.890, 342.736

Previews

White Background



This preview shows how the CIELCh color 47, 14.761, 344.560 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, 14.761, 344.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

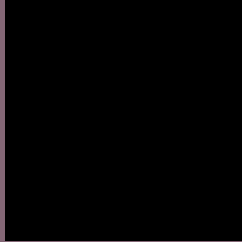
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 14.761, 344.560

Background



This preview shows how black text looks on a background with the CIELCh color 47, 14.761, 344.560.



This preview shows how white text looks on a background with the CIELCh color 47, 14.761, 344.560.

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, 14.761, 344.560

Protanopia
47, 7.109, 288.011

Deuteranopia
47, 7.238, 332.929



Tritanopia
47, 12.550, 359.041

Trichromacy



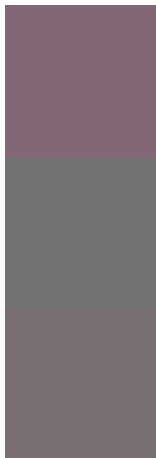
Original Color
47, 14.761, 344.560

Protanomaly
47, 8.714, 318.310

Deuteranomaly
47, 9.813, 339.148

Tritanomaly
47, 12.973, 354.146

Monochromacy



Original Color
47, 14.761, 344.560

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 5.727, 341.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 14.761, 344.560 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(132, 103, 118)` looks like.

```
.text, #text, p{  
    color:rgb(132, 103, 118)  
}
```

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(132, 103, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 103, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 14.761, 344.560 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(132, 103, 118) }
```

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

```
.border{ border-color:rgb(132, 103, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 103, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 103, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 103, 118);  
box-shadow:4px 4px 4px 4px rgb(132, 103,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 14.761, 344.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 103, 118) }
```

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

```
.background{ background-color: rgb(132,  
103, 118) }
```

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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