

Converting Colors

CIELCh(47, 13.555, 349.631)

Have a look what the booklet for
CIELCh(47, 13.555, 349.631)
contains.

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Color

CIELCh(47, 13.489, 349.605)

Conversions

Conversions Part 1

Format	Color
Hex	846874
RGB	132, 104, 116
RGB Percent	52%, 41%, 45%
CMY	0.4830, 0.5927, 0.5457
CMYK	0.00, 0.21, 0.12, 0.48
HSL	334°, 12%, 46%
HSV	334°, 21%, 52%
XYZ	17.5686, 16.0195, 18.6414
YIQ	113.7400, 12.8360, 9.6680

Conversions

Conversions Part 2

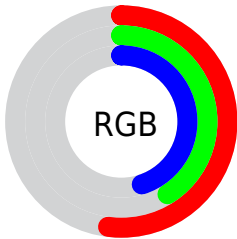
Format	Color
R_{YB}	132, 104, 116
Decimal	8677492
CIE Lab	47.00, 13.27, -2.43
CIE LCh	47, 13.489, 349.605
Yxy	16.0195, 0.3364, 0.3067
Android (android.graphics.Color)	4286867572 (0xFF846874)
YUV	113.7400, 1.1142, 16.0140
Hunter-Lab	40.0243, 8.3097, 0.4025

Details

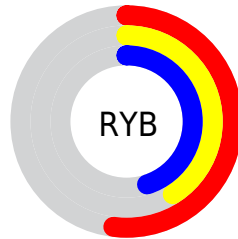
The CIELCh color $47, 13.489, 349.605$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $53, 13.017, 165.823$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 13.552, 348.856$, and $27, 13.272, 349.732$ is the 20% darker color. If you saturate the color by 10%, you get $43, 20.010, 350.719$, and if you desaturate by 10%, it is $51, 7.046, 348.615$.

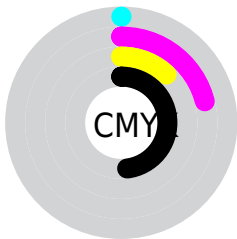
Distribution



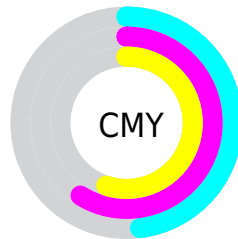
- Red (52%)
- Green (41%)
- Blue (45%)



- Red (52%)
- Yellow (41%)
- Blue (45%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (48%)




- Cyan (48%)
- Magenta (59%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 13.489, 349.605 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, 13.489, 349.605 by changing the saturation by 10% instead.

 47, 13.489,
349.605


 47, 13.489,
349.605


 100, 13.489,
349.605


 37, 13.489,
349.605

 67, 13.489,
349.605


 27, 13.489,
349.605

 77, 13.489,
349.605

 17, 13.489,
349.605

 87, 13.489,
349.605

 7, 13.489, 349.605

 97, 13.489,
349.605

 0, 13.489, 349.605

 47, 13.489,

 47, 13.489,

349.605

349.605

43, 20.010,
350.719

51, 7.046, 348.615

40, 26.486,
351.998

55, 0.764, 347.377

37, 32.728,
353.505

59, 5.318, 167.069

34, 38.479,
355.322

62, 11.181,
166.326

31, 43.437,
357.562

66, 16.825,
165.663

29, 47.317, 0.368

70, 22.255,
165.057

28, 49.952, 3.899

74, 27.484,
164.498

27, 51.740, 7.363

78, 32.525,
163.980

82, 37.393,

Harmonies

Complementary

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



47, 13.489, 349.605



53, 13.017, 165.823

Rectangle

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



47, 13.489, 349.605



47, 13.489, 39.605



47, 13.489, 169.605



47, 13.489, 219.605

Sweetspot

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



47, 13.487, 349.608



67, 4.620, 348.123



46, 17.792, 312.262



35, 3.091, 348.176



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, 13.487, 349.608



58, 19.713, 350.072



47, 11.240, 26.295



26, 3.545, 348.414



27, 51.231, 7.292



0, 0.838, 347.686

Inverse Universe

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



47, 13.487, 349.608



58, 19.713, 350.072



52, 9.786, 204.836



26, 3.545, 348.414



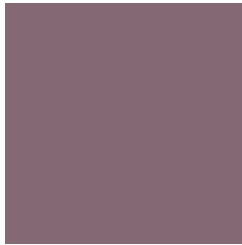
27, 51.231, 7.292



0, 0.838, 347.686

Previews

White Background



This preview shows how the CIELCh color 47, 13.489, 349.605 looks on a white background.

Color Contrast Check

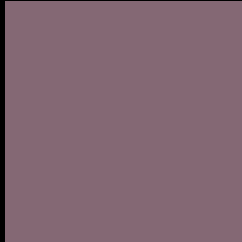
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.489, 349.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

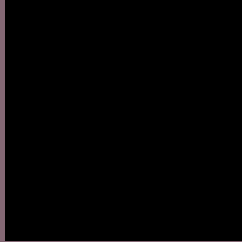
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 13.489, 349.605

Background



This preview shows how black text looks on a background with the CIELCh color 47, 13.489, 349.605.



This preview shows how white text looks on a background with the CIELCh color 47, 13.489, 349.605.

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, 13.489, 349.605

Protanopia

47, 5.330, 290.909

Deuteranopia

47, 6.747, 342.425



Tritanopia
47, 12.160, 358.224

Trichromacy



Original Color
47, 13.489, 349.605

Protanomaly
47, 7.430, 327.478

Deuteranomaly
47, 9.438, 346.343

Tritanomaly
47, 12.368, 355.671

Monochromacy



Original Color
47, 13.489, 349.605

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 5.051, 344.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 13.489, 349.605 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, 104, 116)` looks like.

```
.text, #text, p{  
    color:rgb(132, 104, 116)  
}
```

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, 104, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 104, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 13.489, 349.605 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, 104, 116) }
```

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

```
.border{ border-color:rgb(132, 104, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 104, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 104, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 104, 116);  
box-shadow:4px 4px 4px 4px rgb(132, 104,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 13.489, 349.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 104, 116) }
```

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

```
.background{ background-color: rgb(132,  
104, 116) }
```

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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