

Converting Colors

CIELCh(47, 13.444, 342.741)

Have a look what the booklet for
CIELCh(47, 13.444, 342.741)
contains.

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Color

CIELCh(47, 13.435, 343.237)

Conversions

Conversions Part 1

Format	Color
Hex	826876
RGB	130, 104, 118
RGB Percent	51%, 41%, 46%
CMY	0.4893, 0.5913, 0.5364
CMYK	0.00, 0.20, 0.09, 0.49
HSL	328°, 11%, 46%
HSV	328°, 20%, 51%
XYZ	17.4940, 16.0195, 19.3765
YIQ	113.3700, 11.0020, 9.8660

Conversions

Conversions Part 2

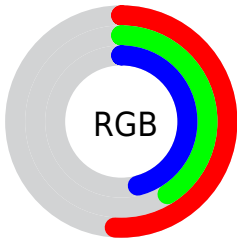
Format	Color
R_{YB}	130, 104, 118
Decimal	8546422
CIE _{Lab}	47.00, 12.86, -3.87
CIE _{LCh}	47, 13.435, 343.237
Yxy	16.0195, 0.3308, 0.3029
Android (android.graphics.Color)	4286736502 (0xFF826876)
YUV	113.3700, 2.2826, 14.5845
Hunter-Lab	40.0243, 7.9771, -0.6864

Details

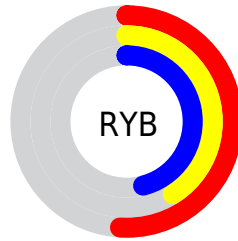
The CIELCh color $47, 13.435, 343.237$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 13.168, 160.020$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 13.517, 343.005$, and $27, 13.223, 342.489$ is the 20% darker color. If you saturate the color by 10%, you get $43, 20.264, 344.184$, and if you desaturate by 10%, it is $51, 6.646, 342.370$.

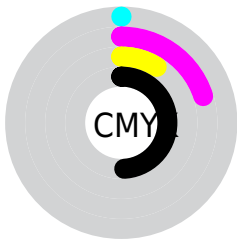
Distribution



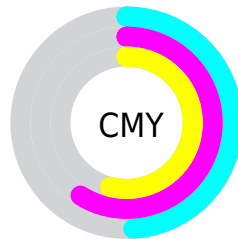
- Red (51%)
- Green (41%)
- Blue (46%)



- Red (51%)
- Yellow (41%)
- Blue (46%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (49%)




- Cyan (49%)
- Magenta (59%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 13.435, 343.237 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, 13.435, 343.237 by changing the saturation by 10% instead.


 47, 13.435,
343.237


 47, 13.435,
343.237


 100, 13.435,
343.237


 37, 13.435,
343.237

 67, 13.435,
343.237


 27, 13.435,
343.237

 77, 13.435,
343.237

 17, 13.435,
343.237


 87, 13.435,
343.237

 7, 13.435, 343.237

 97, 13.435,
343.237

 0, 13.435, 343.237

 47, 13.435,

 47, 13.435,

343.237

43, 20.264,
344.184

40, 27.001,
345.242

37, 33.449,
346.448

34, 39.342,
347.858

32, 44.363,
349.546

30, 48.195,
351.616

28, 50.615,
354.197

27, 52.106,
357.179

343.237

51, 6.646, 342.370

54, 0.015, 181.329

58, 6.497, 160.972

62, 12.779,
160.293

66, 18.853,
159.676

70, 24.722,
159.104

74, 30.394,
158.572

78, 35.880,
158.075

82, 41.194,

■ 27, 52.110,
357.187

157.610

Harmonies

Complementary

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



47, 13.435, 343.237



52, 13.168, 160.020

Rectangle

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



47, 13.435, 343.237



47, 13.435, 33.237



47, 13.435, 163.237



47, 13.435, 213.237

Sweetspot

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



47, 13.433, 343.239



66, 4.912, 342.038



46, 16.189, 308.254



34, 3.245, 342.083



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, 13.433, 343.239



58, 19.968, 343.659



47, 11.061, 16.821



26, 3.812, 342.299



27, 52.062, 357.182



0, 0.904, 341.636

Inverse Universe

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



47, 13.433, 343.239



58, 19.968, 343.659



52, 9.869, 194.016



26, 3.812, 342.299



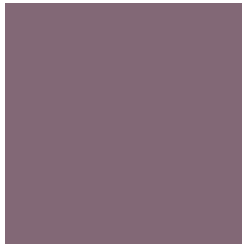
27, 52.062, 357.182



0, 0.904, 341.636

Previews

White Background



This preview shows how the CIELCh color 47, 13.435, 343.237 looks on a white background.

Color Contrast Check

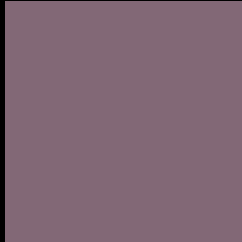
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.435, 343.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

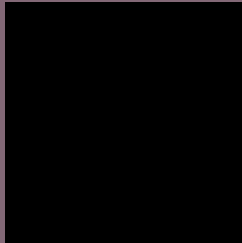
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 13.435, 343.237

Background



This preview shows how black text looks on a background with the CIELCh color 47, 13.435, 343.237.



This preview shows how white text looks on a background with the CIELCh color 47, 13.435, 343.237.

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, 13.435, 343.237

Protanopia

47, 6.518, 287.635

Deuteranopia

47, 7.238, 332.929



Tritanopia
47, 11.370, 356.422

Trichromacy



Original Color
47, 13.435, 343.237

Protanomaly
47, 7.825, 315.047

Deuteranomaly
47, 9.116, 340.177

Tritanomaly
47, 11.853, 351.164

Monochromacy



Original Color
47, 13.435, 343.237

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 5.413, 339.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 13.435, 343.237 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(130, 104, 118)` looks like.

```
.text, #text, p{  
    color:rgb(130, 104, 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(130, 104, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 104, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 13.435, 343.237 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(130, 104, 118) }
```

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

```
.border{ border-color:rgb(130, 104, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 104, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 104, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 104, 118);  
box-shadow:4px 4px 4px 4px rgb(130, 104,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 13.435, 343.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 104, 118) }
```

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

```
.background{ background-color: rgb(130,  
104, 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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