

Converting Colors

CIELCh(47, 26.339, 325.960)

Have a look what the booklet for
CIELCh(47, 26.339, 325.960)
contains.

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Color

CIELCh(47, 26.269, 326.625)

Conversions

Conversions Part 1

Format	Color
Hex	896388
RGB	137, 99, 136
RGB Percent	54%, 39%, 53%
CMY	0.4627, 0.6118, 0.4667
CMYK	0.00, 0.28, 0.01, 0.46
HSL	302°, 16%, 46%
HSV	302°, 28%, 54%
XYZ	19.2222, 16.0195, 25.3714
YIQ	114.5800, 10.7710, 19.5630

Conversions

Conversions Part 2

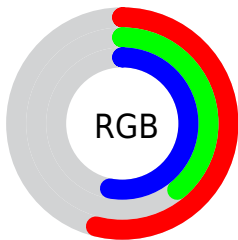
Format	Color
R_{YB}	137, 99, 136
Decimal	9003912
CIE _{Lab}	47.00, 21.94, -14.45
CIE _{LCh}	47, 26.269, 326.625
Yxy	16.0195, 0.3171, 0.2643
Android (android.graphics.Color)	4287193992 (0xFF896388)
YUV	114.5800, 10.5601, 19.6623
Hunter-Lab	40.0243, 15.6843, -9.5669

Details

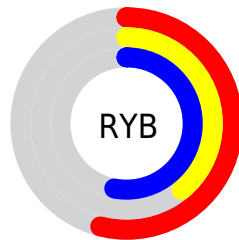
The CIELCh color $47, 26.269, 326.625$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $53, 26.259, 143.313$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 26.270, 326.961$, and $27, 25.833, 326.386$ is the 20% darker color. If you saturate the color by 10%, you get $44, 35.535, 327.144$, and if you desaturate by 10%, it is $51, 16.791, 326.088$.

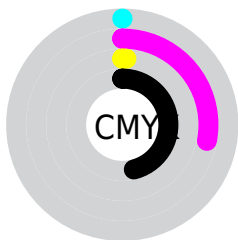
Distribution



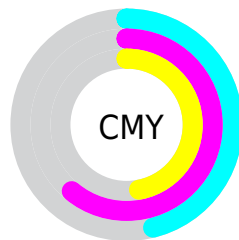
- Red (54%)
- Green (39%)
- Blue (53%)



- Red (54%)
- Yellow (39%)
- Blue (53%)



- Cyan (0%)
- Magenta (28%)
- Yellow (1%)
- Black (46%)




- Cyan (46%)
- Magenta (61%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 26.269, 326.625 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, 26.269, 326.625 by changing the saturation by 10% instead.

 47, 26.269,
326.625


 47, 26.269,
326.625


 100, 26.269,
326.625


 37, 26.269,
326.625

 67, 26.269,
326.625


 27, 26.269,
326.625

 77, 26.269,
326.625

 17, 26.269,
326.625

 87, 26.269,
326.625

 7, 26.269, 326.625

 97, 26.269,
326.625

 0, 26.269, 326.625

 47, 26.269,

 47, 26.269,

326.625

44, 35.535,
327.144

41, 44.347,
327.633

38, 52.392,
328.078

36, 59.322,
328.468

34, 64.804,
328.792

33, 68.602,
329.044

32, 70.889,
329.237

32, 71.368,
329.279

326.625

51, 16.791,
326.088

54, 7.291, 325.536

58, 2.108, 145.126

62, 11.321,
144.529

66, 20.302,
144.019

70, 29.023,
143.536

74, 37.477,
143.078

78, 45.663,
142.646

■ 82, 53.590,
142.240

Harmonies

Complementary

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



47, 26.269, 326.625



53, 26.259, 143.313

Rectangle

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



47, 26.269, 326.625



47, 26.269, 16.625



47, 26.269, 146.625



47, 26.269, 196.625

Sweetspot

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



47, 26.267, 326.625



69, 9.360, 325.561



43, 22.870, 293.948



35, 6.631, 325.637



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, 26.267, 326.625



58, 38.690, 326.939



46, 18.882, 347.049



27, 5.345, 325.616



31, 69.704, 329.276



0, 2.467, 325.146

Inverse Universe

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



47, 26.267, 326.625



58, 38.690, 326.939



54, 18.213, 162.091



27, 5.345, 325.616



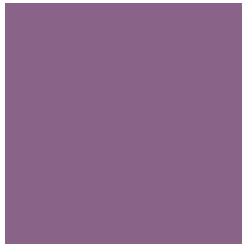
31, 69.704, 329.276



0, 2.467, 325.146

Previews

White Background



This preview shows how the CIELCh color 47, 26.269, 326.625 looks on a white background.

Color Contrast Check

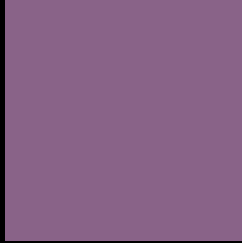
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.269, 326.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

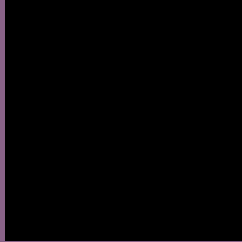
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 26.269, 326.625

Background



This preview shows how black text looks on a background with the CIELCh color 47, 26.269, 326.625.



This preview shows how white text looks on a background with the CIELCh color 47, 26.269, 326.625.

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, 26.269, 326.625

Protanopia

47, 20.211, 285.861

Deuteranopia

47, 14.858, 295.047



Tritanopia
47, 13.339, 0.545

Trichromacy



Original Color
47, 26.269, 326.625

Protanomaly
47, 21.106, 301.892

Deuteranomaly
47, 18.773, 310.077

Tritanomaly
47, 17.405, 341.716

Monochromacy



Original Color
47, 26.269, 326.625

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 10.016, 325.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 26.269, 326.625 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(137, 99, 136)` looks like.

```
.text, #text, p{  
    color:rgb(137, 99, 136)  
}
```

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(137, 99, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 99, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 26.269, 326.625 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(137, 99, 136) }
```

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

```
.border{ border-color:rgb(137, 99, 136) }
```

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

Here you see how a box with a 4 pixel rgb(137, 99, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 99, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 99, 136);  
box-shadow:4px 4px 4px 4px rgb(137, 99,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 26.269, 326.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 99, 136) }
```

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

```
.background{ background-color: rgb(137, 99,  
136) }
```

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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