

Converting Colors

CIELCh(47, 26.940, 331.681)

Have a look what the booklet for
CIELCh(47, 26.940, 331.681)
contains.

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Color

CIELCh(47, 26.489, 331.914)

Conversions

Conversions Part 1

Format	Color
Hex	8D6285
RGB	141, 98, 133
RGB Percent	55%, 38%, 52%
CMY	0.4480, 0.6166, 0.4794
CMYK	0.00, 0.31, 0.06, 0.45
HSL	311°, 18%, 47%
HSV	311°, 31%, 55%
XYZ	19.5051, 16.0195, 24.1664
YIQ	114.8470, 14.3930, 20.0010

Conversions

Conversions Part 2

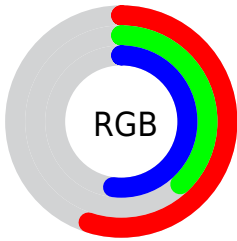
Format	Color
R_{YB}	141, 98, 133
Decimal	9265797
CIE _{Lab}	47.00, 23.37, -12.47
CIE _{LCh}	47, 26.489, 331.914
Yxy	16.0195, 0.3268, 0.2684
Android (android.graphics.Color)	4287455877 (0xFF8D6285)
YUV	114.8470, 8.9494, 22.9362
Hunter-Lab	40.0243, 16.9459, -7.7819

Details

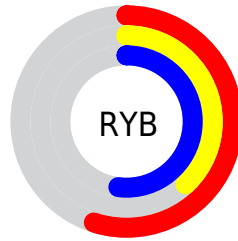
The CIELCh color $47, 26.489, 331.914$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 26.389, 147.819$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 26.534, 331.854$, and $27, 26.654, 332.275$ is the 20% darker color. If you saturate the color by 10%, you get $44, 34.925, 332.569$, and if you desaturate by 10%, it is $51, 17.817, 331.275$.

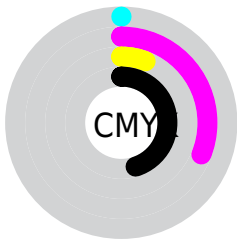
Distribution



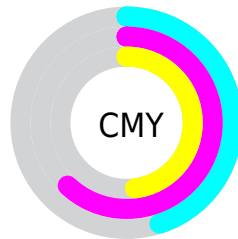
- Red (55%)
- Green (38%)
- Blue (52%)



- Red (55%)
- Yellow (38%)
- Blue (52%)



- Cyan (0%)
- Magenta (31%)
- Yellow (6%)
- Black (45%)





- Cyan (45%)
- Magenta (62%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 26.489, 331.914 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, 26.489, 331.914 by changing the saturation by 10% instead.


 47, 26.489,
331.914


 47, 26.489,
331.914


 100, 26.489,
331.914


 37, 26.489,
331.914

 67, 26.489,
331.914


 27, 26.489,
331.914

 77, 26.489,
331.914

 17, 26.489,
331.914

 87, 26.489,
331.914

 7, 26.489, 331.914

 97, 26.489,
331.914

 0, 26.489, 331.914

 47, 26.489,

 47, 26.489,

331.914

44, 34.925,
332.569

40, 42.873,
333.239

38, 50.008,
333.929

35, 55.964,
334.645

34, 60.398,
335.406

32, 63.080,
336.237

32, 64.454,
337.079

331.914

51, 17.817,
331.275

54, 9.101, 330.646

58, 0.467, 329.573

62, 8.005, 149.536

66, 16.267,
148.974

70, 24.296,
148.450

75, 32.084,
147.954

79, 39.633,
147.485

83, 46.952,

Harmonies

Complementary

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



47, 26.489, 331.914



55, 26.389, 147.819

Rectangle

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



47, 26.489, 331.914



47, 26.489, 21.914



47, 26.489, 151.914



47, 26.489, 201.914

Sweetspot

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



47, 26.487, 331.914



70, 9.647, 330.561



44, 26.050, 299.886



36, 6.685, 330.643



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



47, 26.487, 331.914



58, 39.701, 332.388



46, 19.568, 358.052



28, 4.930, 330.561



30, 62.613, 337.039



1, 3.309, 330.041

Inverse Universe

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



47, 26.487, 331.914



58, 39.701, 332.388



55, 18.023, 171.896



28, 4.930, 330.561



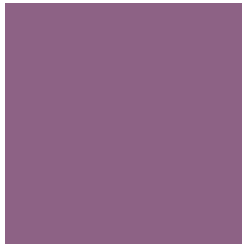
30, 62.613, 337.039



1, 3.309, 330.041

Previews

White Background



This preview shows how the CIELCh color 47, 26.489, 331.914 looks on a white background.

Color Contrast Check

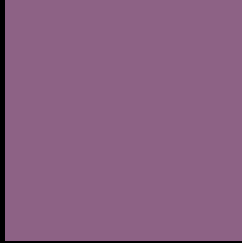
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.489, 331.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

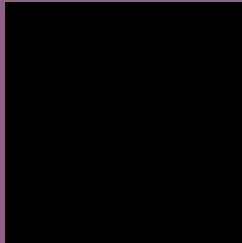
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 26.489, 331.914

Background



This preview shows how black text looks on a background with the CIELCh color 47, 26.489, 331.914.



This preview shows how white text looks on a background with the CIELCh color 47, 26.489, 331.914.

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, 26.489, 331.914

Protanopia

47, 18.433, 284.846

Deuteranopia

47, 13.160, 298.547



Tritanopia
47, 15.804, 4.268

Trichromacy



Original Color
47, 26.489, 331.914

Protanomaly
47, 20.079, 304.453

Deuteranomaly
47, 17.517, 315.499

Tritanomaly
47, 19.087, 348.366

Monochromacy



Original Color
47, 26.489, 331.914

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 9.332, 331.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 26.489, 331.914 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(141, 98, 133)` looks like.

```
.text, #text, p{  
    color:rgb(141, 98, 133)  
}
```

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(141, 98, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 98, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 26.489, 331.914 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(141, 98, 133) }
```

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

```
.border{ border-color:rgb(141, 98, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 98, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 98, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 98, 133);  
box-shadow:4px 4px 4px 4px rgb(141, 98,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 26.489, 331.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 98, 133) }
```

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

```
.background{ background-color: rgb(141, 98,  
133) }
```

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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