

Converting Colors

CIELCh(47, 25.957, 316.900)

Have a look what the booklet for
CIELCh(47, 25.957, 316.900)
contains.

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Color

CIELCh(47, 25.993, 316.908)

Conversions

Conversions Part 1

Format	Color
Hex	81658D
RGB	129, 101, 141
RGB Percent	51%, 40%, 55%
CMY	0.4925, 0.6024, 0.4454
CMYK	0.08, 0.28, 0.00, 0.45
HSL	282°, 16%, 48%
HSV	282°, 28%, 55%
XYZ	18.6473, 16.0195, 27.4719
YIQ	113.9320, 3.8480, 18.3760

Conversions

Conversions Part 2

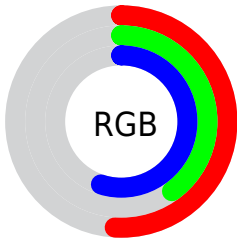
Format	Color
R_{YB}	129, 101, 141
Decimal	8480141
CIE _{Lab}	47.00, 18.98, -17.76
CIE _{LCh}	47, 25.993, 316.908
Yxy	16.0195, 0.3001, 0.2578
Android (android.graphics.Color)	4286670221 (0xFF81658D)
YUV	113.9320, 13.3445, 13.2146
Hunter-Lab	40.0243, 13.1205, -12.6784

Details

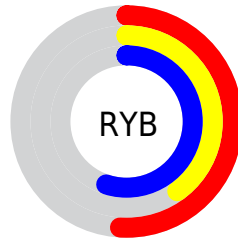
The CIELCh color $47, 25.993, 316.908$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 25.464, 134.441$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 26.203, 316.589$, and $27, 25.980, 316.570$ is the 20% darker color. If you saturate the color by 10%, you get $43, 35.313, 317.324$, and if you desaturate by 10%, it is $51, 16.681, 316.480$.

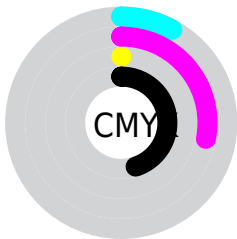
Distribution



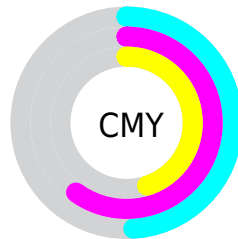
- Red (51%)
- Green (40%)
- Blue (55%)



- Red (51%)
- Yellow (40%)
- Blue (55%)



- Cyan (8%)
- Magenta (28%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (60%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 25.993, 316.908 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, 25.993, 316.908 by changing the saturation by 10% instead.

 47, 25.993,
316.908

 47, 25.993,
316.908

 100, 25.993,
316.908

 37, 25.993,
316.908

 67, 25.993,
316.908


 27, 25.993,
316.908

 77, 25.993,
316.908

 17, 25.993,
316.908

 87, 25.993,
316.908

 7, 25.993, 316.908

 97, 25.993,
316.908

 0, 25.993, 316.908

 47, 25.993,

 47, 25.993,

316.908

43, 35.313,
317.324

39, 44.473,
317.706

36, 53.214,
318.019

32, 61.181,
318.219

30, 67.940,
318.250

27, 73.043,
318.050

26, 76.534,
317.633

26, 77.122,
317.568

316.908

51, 16.681,
316.480

55, 7.493, 316.052

60, 1.509, 135.763


64, 10.287,
135.308

68, 18.826,
134.953

72, 27.121,
134.631

77, 35.174,
134.340

81, 42.993,
134.076

 85, 50.588,
133.840

Harmonies

Complementary

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



47, 25.993, 316.908



56, 25.464, 134.441

Rectangle

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



47, 25.993, 316.908



47, 25.993, 6.908



47, 25.993, 136.908



47, 25.993, 186.908

Sweetspot

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



47, 25.991, 316.908



70, 8.936, 316.047



48, 16.936, 277.774



36, 6.337, 316.106



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, 25.991, 316.908



57, 38.757, 317.178



48, 24.416, 332.280



28, 5.143, 316.091



24, 74.607, 317.607



0, 3.442, 315.734

Inverse Universe

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



47, 18.029, 358.931



58, 27.025, 359.814



55, 24.310, 148.486



28, 3.505, 356.745



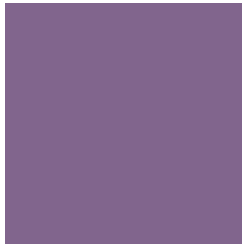
28, 54.272, 19.505



0, 2.326, 355.961

Previews

White Background



This preview shows how the CIELCh color 47, 25.993, 316.908 looks on a white background.

Color Contrast Check

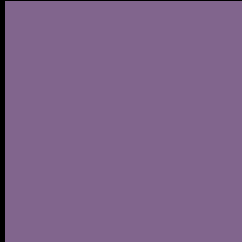
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.993, 316.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

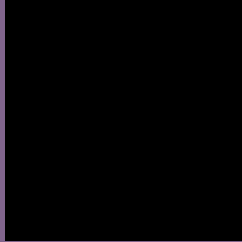
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 25.993, 316.908

Background



This preview shows how black text looks on a background with the CIELCh color 47, 25.993, 316.908.



This preview shows how white text looks on a background with the CIELCh color 47, 25.993, 316.908.

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, 25.993, 316.908

Protanopia

47, 22.609, 285.290

Deuteranopia

47, 18.371, 291.506



Tritanopia
47, 9.438, 346.343

Trichromacy



Original Color
47, 25.993, 316.908

Protanomaly
47, 23.215, 296.748

Deuteranomaly
47, 21.166, 302.883

Tritanomaly
47, 15.460, 327.867

Monochromacy



Original Color
47, 25.993, 316.908

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 9.927, 317.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 25.993, 316.908 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(129, 101, 141)` looks like.

```
.text, #text, p{  
    color:rgb(129, 101, 141)  
}
```

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(129, 101, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 101, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 25.993, 316.908 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(129, 101, 141) }
```

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

```
.border{ border-color:rgb(129, 101, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 101, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 101, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 101, 141);  
box-shadow:4px 4px 4px 4px rgb(129, 101,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 25.993, 316.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 101, 141) }
```

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

```
.background{ background-color: rgb(129,  
101, 141) }
```

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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