

Converting Colors

CIELCh(47, 48.848, 324.828)

Have a look what the booklet for
CIELCh(47, 48.848, 324.828)
contains.

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Color

CIELCh(47, 48.452, 324.767)

Conversions

Conversions Part 1

Format	Color
Hex	9A569F
RGB	154, 86, 159
RGB Percent	60%, 34%, 62%
CMY	0.3962, 0.6629, 0.3766
CMYK	0.03, 0.46, 0.00, 0.38
HSL	296°, 30%, 48%
HSV	296°, 46%, 62%
XYZ	22.9005, 16.0195, 34.6707
YIQ	114.6540, 17.0950, 37.1190

Conversions

Conversions Part 2

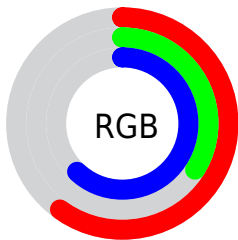
Format	Color
R_{YB}	154, 86, 159
Decimal	10114719
CIE Lab	47.00, 39.58, -27.95
CIE LCh	47, 48.452, 324.767
Yxy	16.0195, 0.3112, 0.2177
Android (android.graphics.Color)	4288304799 (0xFF9A569F)
YUV	114.6540, 21.8626, 34.5064
Hunter-Lab	40.0243, 32.0890, -23.3424

Details

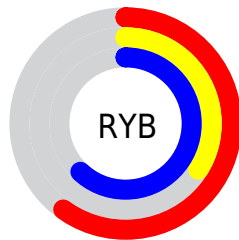
The CIELCh color $47, 48.452, 324.767$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 48.316, 139.427$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 48.380, 324.816$, and $27, 48.434, 324.880$ is the 20% darker color. If you saturate the color by 10%, you get $44, 57.881, 325.143$, and if you desaturate by 10%, it is $51, 38.276, 324.332$.

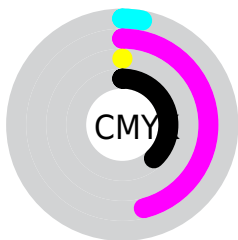
Distribution



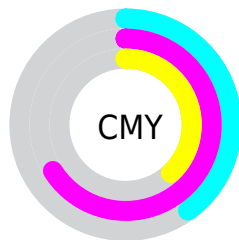
- Red (60%)
- Green (34%)
- Blue (62%)



- Red (60%)
- Yellow (34%)
- Blue (62%)



- Cyan (3%)
- Magenta (46%)
- Yellow (0%)
- Black (38%)




- Cyan (40%)
- Magenta (66%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 48.452, 324.767 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, 48.452, 324.767 by changing the saturation by 10% instead.

 47, 48.452,
324.767


 47, 48.452,
324.767

 100, 48.452,
324.767

 37, 48.452,
324.767

 67, 48.452,
324.767


 27, 48.452,
324.767

 77, 48.452,
324.767

 17, 48.452,
324.767

 87, 48.452,
324.767

 7, 48.452, 324.767

 97, 48.452,
324.767

 0, 48.452, 324.767

 47, 48.452,

 47, 48.452,

324.767

44, 57.881,
325.143

41, 66.165,
325.437

39, 72.887,
325.626

37, 77.712,
325.691

36, 80.559,
325.627

36, 81.493,
325.587

324.767

51, 38.276,
324.332

55, 27.695,
323.860

59, 16.965,
323.366

63, 6.270, 322.851

67, 4.271, 142.444

72, 14.581,
141.937

76, 24.618,
141.478

81, 34.361,
141.047

 85, 43.805,
140.642

Harmonies

Complementary

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



47, 48.452, 324.767



60, 48.316, 139.427

Rectangle

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



47, 48.452, 324.767



47, 48.452, 14.767



47, 48.452, 144.767



47, 48.452, 194.767

Sweetspot

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



47, 48.450, 324.767



76, 18.453, 323.282



41, 40.458, 293.251



39, 12.854, 323.385



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



47, 48.450, 324.767



56, 70.440, 325.148



46, 37.303, 343.534



31, 5.977, 323.027



32, 75.337, 325.611



1, 7.736, 322.170

Inverse Universe

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



45, 32.382, 19.117



54, 49.019, 21.315



60, 36.211, 155.032



31, 3.544, 14.357



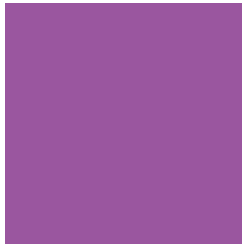
29, 64.797, 36.374



1, 4.498, 14.015

Previews

White Background



This preview shows how the CIELCh color 47, 48.452, 324.767 looks on a white background.

Color Contrast Check

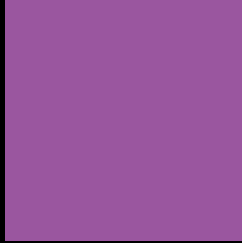
Large Text (above 18pt) WCAG AA ✓ Pass

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, 48.452, 324.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

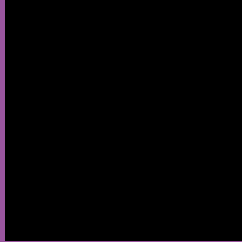
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 48.452, 324.767

Background



This preview shows how black text looks on a background with the CIELCh color 47, 48.452, 324.767.

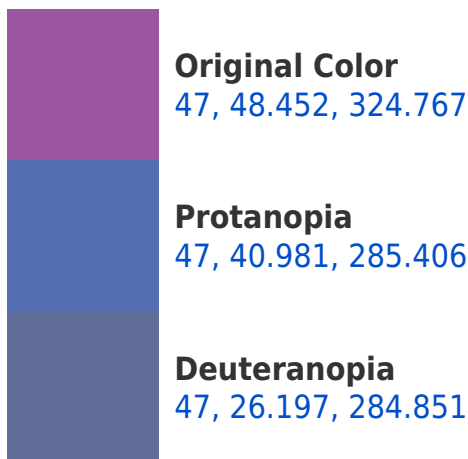


This preview shows how white text looks on a background with the CIELCh color 47, 48.452, 324.767.

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





Tritanopia
47, 21.348, 9.742

Trichromacy



Original Color
47, 48.452, 324.767

Protanomaly
46, 42.280, 299.406

Deuteranomaly
46, 33.310, 304.511

Tritanomaly
47, 28.599, 344.169

Monochromacy



Original Color
47, 48.452, 324.767

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 18.754, 323.421

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 48.452, 324.767 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(154, 86, 159)` looks like.

```
.text, #text, p{  
    color:rgb(154, 86, 159)  
}
```

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(154, 86, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 86, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 48.452, 324.767 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(154, 86, 159) }
```

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

```
.border{ border-color:rgb(154, 86, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 86, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 86, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 86, 159);  
box-shadow:4px 4px 4px 4px rgb(154, 86,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 48.452, 324.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 86, 159) }
```

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

```
.background{ background-color: rgb(154, 86,  
159) }
```

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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