

Converting Colors

CIELCh(48, 36.947, 321.001)

Have a look what the booklet for
CIELCh(48, 36.947, 321.001)
contains.

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Color

CIELCh(48, 36.868, 321.042)

Conversions

Conversions Part 1

Format	Color
Hex	8F6199
RGB	143, 97, 153
RGB Percent	56%, 38%, 60%
CMY	0.4378, 0.6183, 0.3986
CMYK	0.07, 0.37, 0.00, 0.40
HSL	289°, 22%, 49%
HSV	289°, 37%, 60%
XYZ	21.4745, 16.7945, 32.4014
YIQ	117.1380, 9.4400, 27.1680

Conversions

Conversions Part 2

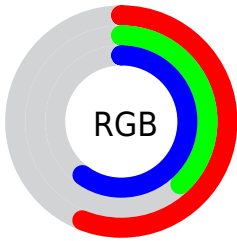
Format	Color
R_{YB}	143, 97, 153
Decimal	9396633
CIE _{Lab}	48.00, 28.67, -23.18
CIE _{LCh}	48, 36.868, 321.042
Yxy	16.7945, 0.3039, 0.2376
Android (android.graphics.Color)	4287586713 (0xFF8F6199)
YUV	117.1380, 17.6800, 22.6810
Hunter-Lab	40.9810, 21.8189, -18.1905

Details

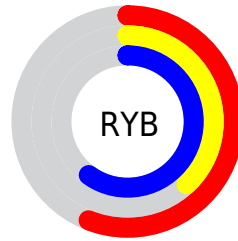
The CIELCh color $48, 36.868, 321.042$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 36.370, 137.447$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 37.427, 321.103$, and $28, 37.022, 320.647$ is the 20% darker color. If you saturate the color by 10%, you get $44, 46.695, 321.431$, and if you desaturate by 10%, it is $52, 26.759, 320.614$.

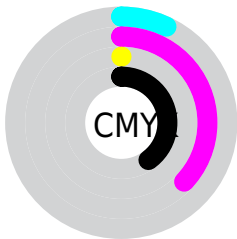
Distribution



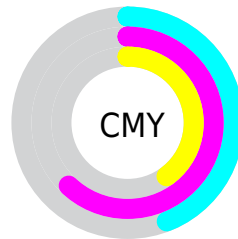
- Red (56%)
- Green (38%)
- Blue (60%)



- Red (56%)
- Yellow (38%)
- Blue (60%)



- Cyan (7%)
- Magenta (37%)
- Yellow (0%)
- Black (40%)





- Cyan (44%)
- Magenta (62%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 36.868, 321.042 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 48, 36.868, 321.042 by changing the saturation by 10% instead.


 48, 36.868,
321.042


 48, 36.868,
321.042


 100, 36.868,
321.042


 38, 36.868,
321.042

 68, 36.868,
321.042


 28, 36.868,
321.042

 78, 36.868,
321.042

 18, 36.868,
321.042

 88, 36.868,
321.042

 8, 36.868, 321.042

 98, 36.868,
321.042

 0, 36.868, 321.042

 48, 36.868,

 48, 36.868,

321.042

44, 46.695,
321.431

41, 55.944,
321.753

38, 64.227,
321.974

35, 71.109,
322.055

33, 76.187,
321.958

32, 79.341,
321.667

31, 80.296,
321.558

321.042

52, 26.759,
320.614

56, 16.589,
320.168

61, 6.503, 319.709

65, 3.409, 139.356

69, 13.091,
138.904

74, 22.515,
138.508

78, 31.669,
138.141

83, 40.553,
137.801

 87, 49.172,
137.489

Harmonies

Complementary

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



48, 36.868, 321.042



59, 36.370, 137.447

Rectangle

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



48, 36.868, 321.042



48, 36.868, 11.042



48, 36.868, 141.042



48, 36.868, 191.042

Sweetspot

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



48, 36.866, 321.042



74, 13.593, 319.927



46, 27.250, 286.616



38, 9.118, 319.983



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



48, 36.866, 321.042



58, 54.658, 321.370



48, 30.994, 337.661



30, 5.630, 319.836



28, 75.212, 321.607



1, 6.016, 319.048

Inverse Universe

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



48, 24.430, 9.097



57, 36.887, 10.552



59, 30.593, 151.916



30, 3.531, 5.661



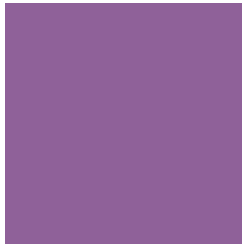
29, 59.699, 29.716



1, 3.723, 5.134

Previews

White Background



This preview shows how the CIELCh color 48, 36.868, 321.042 looks on a white background.

Color Contrast Check

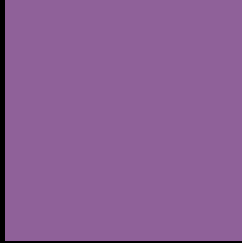
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 36.868, 321.042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

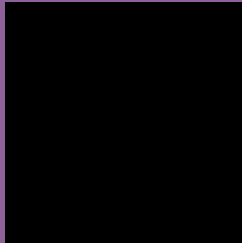
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 36.868, 321.042

Background



This preview shows how black text looks on a background with the CIELCh color 48, 36.868, 321.042.



This preview shows how white text looks on a background with the CIELCh color 48, 36.868, 321.042.

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


48, 36.868, 321.042

Protanopia

48, 31.402, 285.489

Deuteranopia

48, 22.450, 287.789



Tritanopia
48, 14.090, 1.857

Trichromacy



Original Color
48, 36.868, 321.042

Protanomaly
48, 32.054, 298.485

Deuteranomaly
48, 26.505, 303.562

Tritanomaly
48, 20.753, 337.162

Monochromacy



Original Color
48, 36.868, 321.042

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 13.583, 320.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 36.868, 321.042 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(143, 97, 153)` looks like.

```
.text, #text, p{  
    color:rgb(143, 97, 153)  
}
```

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(143, 97, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 97, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 36.868, 321.042 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(143, 97, 153) }
```

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

```
.border{ border-color:rgb(143, 97, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 97, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 97, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 97, 153);  
box-shadow:4px 4px 4px 4px rgb(143, 97,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 36.868, 321.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 97, 153) }
```

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

```
.background{ background-color: rgb(143, 97,  
153) }
```

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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