

Converting Colors

CIELCh(48, 37.278, 339.049)

Have a look what the booklet for
CIELCh(48, 37.278, 339.049)
contains.

| | |
|--|----|
| CIELCh(48, 37.246, 339.026) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(48, 37.246, 339.026)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A05B89 |
| RGB | 160, 91, 137 |
| RGB Percent | 63%, 36%, 54% |
| CMY | 0.3721, 0.6427, 0.4623 |
| CMYK | 0.00, 0.43, 0.14, 0.37 |
| HSL | 320°, 27%, 49% |
| HSV | 320°, 43%, 63% |
| XYZ | 22.7930, 16.7945, 25.7475 |
| YIQ | 116.8750, 26.3580, 28.9340 |

Conversions

Conversions Part 2

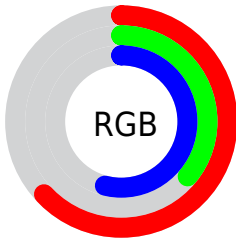
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 160, 91, 137 |
| Decimal | 10509193 |
| CIE _{Lab} | 48.00, 34.78, -13.33 |
| CIE _{LCh} | 48, 37.246, 339.026 |
| Yxy | 16.7945, 0.3489, 0.2571 |
| Android (android.graphics.Color) | 4288699273 (0xFFA05B89) |
| YUV | 116.8750, 9.9216, 37.8206 |
| Hunter-Lab | 40.9810, 27.5621, -8.5639 |

Details

The CIELCh color $48, 37.246, 339.026$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 36.688, 151.829$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 36.950, 339.323$, and $28, 37.176, 339.279$ is the 20% darker color. If you saturate the color by 10%, you get $45, 45.113, 340.004$, and if you desaturate by 10%, it is $52, 28.808, 338.141$.

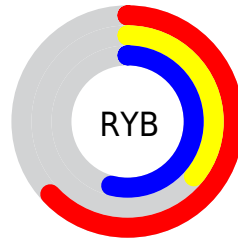
Distribution



Red (63%)

Green (36%)

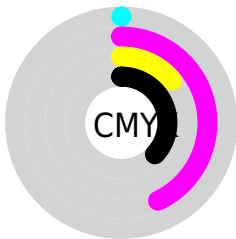
Blue (54%)



Red (63%)

Yellow (36%)

Blue (54%)

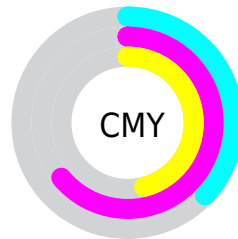


Cyan (0%)

Magenta (43%)

Yellow (14%)

Black (37%)



Cyan (37%)


Magenta (64%)

Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 37.246, 339.026 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, 37.246, 339.026 by changing the saturation by 10% instead.


 48, 37.246,
339.026


 48, 37.246,
339.026


 100, 37.246,
339.026


 38, 37.246,
339.026

 68, 37.246,
339.026


 28, 37.246,
339.026

 78, 37.246,
339.026

 18, 37.246,
339.026

 88, 37.246,
339.026

 8, 37.246, 339.026

 98, 37.246,
339.026

 0, 37.246, 339.026

 48, 37.246,

 48, 37.246,

339.026

339.026

45, 45.113,
340.004

52, 28.808,
338.141

41, 52.041,
341.104

56, 20.102,
337.324

39, 57.612,
342.377

60, 11.339,
336.558

37, 61.455,
343.890

65, 2.662, 335.768

36, 63.374,
345.728


69, 5.840, 155.270

35, 64.001,
347.142

74, 14.119,
154.621

78, 22.152,
154.031

83, 29.932,
153.481

 87, 37.464,
152.965

Harmonies

Complementary

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



48, 37.246, 339.026



60, 36.688, 151.829

Rectangle

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



48, 37.246, 339.026



48, 37.246, 29.026



48, 37.246, 159.026



48, 37.246, 209.026

Sweetspot

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



48, 37.244, 339.027



77, 13.988, 336.569



44, 42.159, 305.930



39, 9.782, 336.726



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



48, 37.244, 339.027



58, 54.918, 339.993



47, 30.189, 11.148



31, 4.830, 336.269



31, 58.969, 346.895



1, 6.117, 337.158

Inverse Universe

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



48, 37.244, 339.027



58, 54.918, 339.993



61, 24.690, 181.936



31, 4.830, 336.269



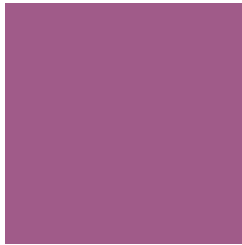
31, 58.969, 346.895



1, 6.117, 337.158

Previews

White Background



This preview shows how the CIELCh color 48, 37.246, 339.026 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 48, 37.246, 339.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

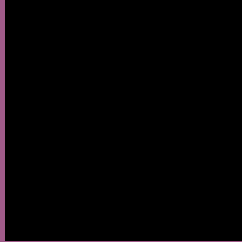
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 37.246, 339.026

Background



This preview shows how black text looks on a background with the CIELCh color 48, 37.246, 339.026.

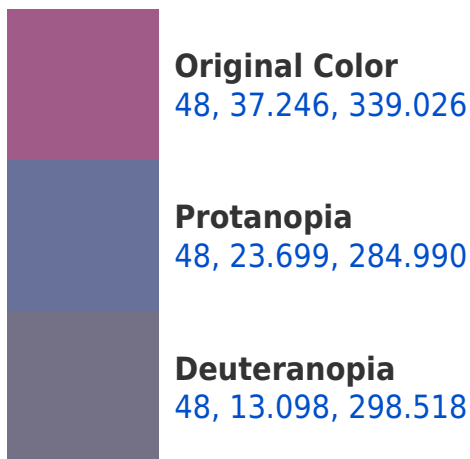


This preview shows how white text looks on a background with the CIELCh color 48, 37.246, 339.026.

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
48, 25.592, 13.840

Trichromacy



Original Color
48, 37.246, 339.026

Protanomaly
48, 25.895, 308.819

Deuteranomaly
48, 21.295, 322.878

Tritanomaly
48, 28.678, 357.185

Monochromacy



Original Color
48, 37.246, 339.026

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 13.772, 338.154

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 37.246, 339.026 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(160, 91, 137)` looks like.

```
.text, #text, p{  
    color:rgb(160, 91, 137)  
}
```

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(160, 91, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 91, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 37.246, 339.026 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(160, 91, 137) }
```

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

```
.border{ border-color:rgb(160, 91, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 91, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 91, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 91, 137);  
box-shadow:4px 4px 4px 4px rgb(160, 91,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 37.246, 339.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 91, 137) }
```

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

```
.background{ background-color: rgb(160, 91,  
137) }
```

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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