

Converting Colors

CIELCh(48, 35.173, 323.441)

Have a look what the booklet for
CIELCh(48, 35.173, 323.441)
contains.

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Color

CIELCh(48, 35.705, 323.531)

Conversions

Conversions Part 1

Format	Color
Hex	916196
RGB	145, 97, 150
RGB Percent	57%, 38%, 59%
CMY	0.4311, 0.6193, 0.4115
CMYK	0.03, 0.35, 0.00, 0.41
HSL	294°, 21%, 48%
HSV	294°, 35%, 59%
XYZ	21.4839, 16.7945, 30.9967
YIQ	117.3940, 11.5950, 26.6590

Conversions

Conversions Part 2

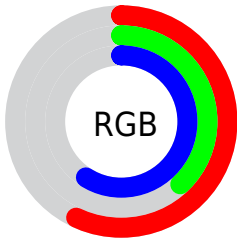
Format	Color
R_{YB}	145, 97, 150
Decimal	9527702
CIE _{Lab}	48.00, 28.71, -21.22
CIE _{LCh}	48, 35.705, 323.531
Yxy	16.7945, 0.3101, 0.2424
Android (android.graphics.Color)	4287717782 (0xFF916196)
YUV	117.3940, 16.0748, 24.2105
Hunter-Lab	40.9810, 21.8598, -16.1583

Details

The CIELCh color $48, 35.705, 323.531$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 35.495, 139.711$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 35.910, 323.872$, and $28, 35.681, 323.290$ is the 20% darker color. If you saturate the color by 10%, you get $44, 45.440, 323.954$, and if you desaturate by 10%, it is $52, 25.631, 323.071$.

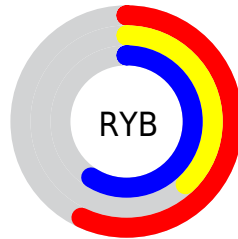
Distribution



Red (57%)

Green (38%)

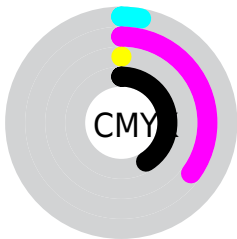
Blue (59%)



Red (57%)

Yellow (38%)

Blue (59%)

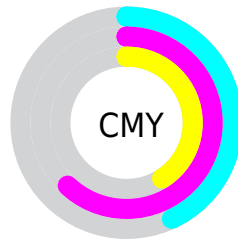


Cyan (3%)

Magenta (35%)

Yellow (0%)

Black (41%)



Cyan (43%)


Magenta (62%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 35.705, 323.531 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, 35.705, 323.531 by changing the saturation by 10% instead.


 48, 35.705,
323.531


 48, 35.705,
323.531


 100, 35.705,
323.531


 38, 35.705,
323.531

 68, 35.705,
323.531


 28, 35.705,
323.531

 78, 35.705,
323.531

 18, 35.705,
323.531

 88, 35.705,
323.531

 8, 35.705, 323.531

 98, 35.705,
323.531

 0, 35.705, 323.531

 48, 35.705,

 48, 35.705,

323.531

44, 45.440,
323.954

41, 54.536,
324.319

38, 62.614,
324.600

36, 69.272,
324.770

34, 74.162,
324.806

33, 77.154,
324.697

33, 78.292,
324.628

323.531

52, 25.631,
323.071

56, 15.453,
322.592

60, 5.329, 322.090


64, 4.635, 141.698

68, 14.376,
141.216

73, 23.858,
140.777

77, 33.065,
140.366

81, 41.994,
139.981

 86, 50.648,
139.624

Harmonies

Complementary

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



48, 35.705, 323.531



58, 35.495, 139.711

Rectangle

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



48, 35.705, 323.531



48, 35.705, 13.531



48, 35.705, 143.531



48, 35.705, 193.531

Sweetspot

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



48, 35.703, 323.531



74, 13.782, 322.391



45, 28.514, 290.510



38, 9.341, 322.452



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, 35.703, 323.531



59, 52.572, 323.855



48, 27.886, 341.528



29, 5.610, 322.290



30, 73.526, 324.655



1, 4.875, 321.871

Inverse Universe

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



47, 23.051, 15.326



57, 34.784, 16.566



58, 27.241, 155.548



29, 3.363, 12.273



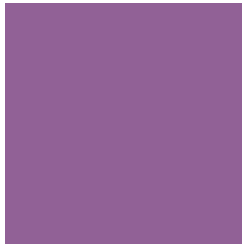
28, 62.092, 34.975



1, 2.860, 11.609

Previews

White Background



This preview shows how the CIELCh color 48, 35.705, 323.531 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, 35.705, 323.531 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, 35.705, 323.531

Background



This preview shows how black text looks on a background with the CIELCh color 48, 35.705, 323.531.



This preview shows how white text looks on a background with the CIELCh color 48, 35.705, 323.531.

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, 35.705, 323.531

Protanopia

48, 29.028, 284.909

Deuteranopia

48, 20.657, 288.964



Tritanopia
48, 15.320, 3.662

Trichromacy



Original Color
48, 35.705, 323.531

Protanomaly
48, 30.368, 299.871

Deuteranomaly
48, 24.850, 305.015

Tritanomaly
48, 21.268, 340.847

Monochromacy



Original Color
48, 35.705, 323.531

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 13.082, 322.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 35.705, 323.531 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(145, 97, 150)` looks like.

```
.text, #text, p{  
    color:rgb(145, 97, 150)  
}
```

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(145, 97, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 97, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 35.705, 323.531 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(145, 97, 150) }
```

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

```
.border{ border-color:rgb(145, 97, 150) }
```

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

Here you see how a box with a 4 pixel rgb(145, 97, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 97, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 97, 150);  
box-shadow:4px 4px 4px 4px rgb(145, 97,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 35.705, 323.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 97, 150) }
```

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

```
.background{ background-color: rgb(145, 97,  
150) }
```

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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