

Converting Colors

CIELCh(48, 30.252, 341.358)

Have a look what the booklet for
CIELCh(48, 30.252, 341.358)
contains.

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Color

CIELCh(48, 30.130, 341.015)

Conversions

Conversions Part 1

Format	Color
Hex	996083
RGB	153, 96, 131
RGB Percent	60%, 38%, 51%
CMY	0.3998, 0.6233, 0.4860
CMYK	0.00, 0.37, 0.14, 0.40
HSL	323°, 23%, 49%
HSV	323°, 37%, 60%
XYZ	21.4369, 16.7945, 23.6051
YIQ	117.0330, 22.7370, 22.9690

Conversions

Conversions Part 2

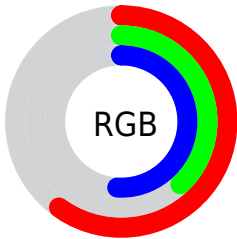
Format	Color
R_YB	153, 96, 131
Decimal	10051715
CIE Lab	48.00, 28.49, -9.80
CIE LCh	48, 30.130, 341.015
Yxy	16.7945, 0.3467, 0.2716
Android (android.graphics.Color)	4288241795 (0xFF996083)
YUV	117.0330, 6.8857, 31.5431
Hunter-Lab	40.9810, 21.6552, -5.4644

Details

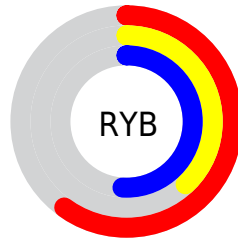
The CIELCh color $48, 30.130, 341.015$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 29.471, 154.713$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 29.735, 340.985$, and $28, 30.263, 340.951$ is the 20% darker color. If you saturate the color by 10%, you get $44, 37.855, 342.038$, and if you desaturate by 10%, it is $52, 22.069, 340.096$.

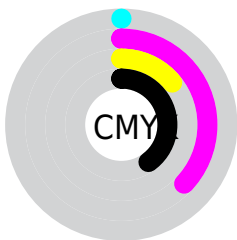
Distribution



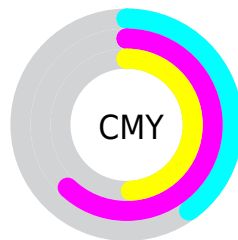
- Red (60%)
- Green (38%)
- Blue (51%)



- Red (60%)
- Yellow (38%)
- Blue (51%)



- Cyan (0%)
- Magenta (37%)
- Yellow (14%)
- Black (40%)





- Cyan (40%)
- Magenta (62%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 30.130, 341.015 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, 30.130, 341.015 by changing the saturation by 10% instead.


 48, 30.130,
341.015


 48, 30.130,
341.015


 100, 30.130,
341.015


 38, 30.130,
341.015

 68, 30.130,
341.015


 28, 30.130,
341.015

 78, 30.130,
341.015

 18, 30.130,
341.015


 88, 30.130,
341.015

 8, 30.130, 341.015

 98, 30.130,
341.015

 0, 30.130, 341.015

 48, 30.130,

 48, 30.130,

341.015

44, 37.855,
342.038

41, 44.942,
343.199

38, 51.014,
344.549

36, 55.681,
346.164

34, 58.640,
348.140

33, 59.948,
350.547

33, 60.248,
351.233

341.015

52, 22.069,
340.096

56, 13.905,
339.254

60, 5.792, 338.456

64, 2.174, 157.934

69, 9.936, 157.164

73, 17.467,
156.532

78, 24.758,
155.949

82, 31.812,
155.405

86, 38.638,

Harmonies

Complementary

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



48, 30.130, 341.015



59, 29.471, 154.713

Rectangle

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



48, 30.130, 341.015



48, 30.130, 31.015



48, 30.130, 161.015



48, 30.130, 211.015

Sweetspot

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



48, 30.128, 341.016



74, 10.932, 338.772



45, 34.985, 307.080



38, 7.334, 338.869



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, 30.128, 341.016



58, 44.724, 341.893



47, 24.816, 13.924



30, 4.528, 338.614



30, 56.604, 350.990



1, 4.817, 338.456

Inverse Universe

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



48, 30.128, 341.016



58, 44.724, 341.893



59, 20.398, 186.836



30, 4.528, 338.614



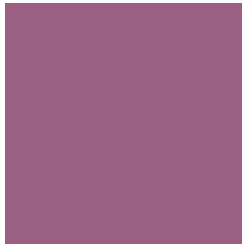
30, 56.604, 350.990



1, 4.817, 338.456

Previews

White Background



This preview shows how the CIELCh color 48, 30.130, 341.015 looks on a white background.

Color Contrast Check

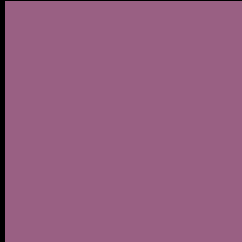
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.130, 341.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

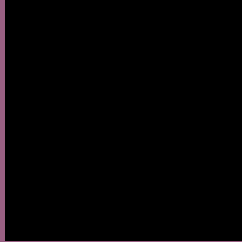
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 30.130, 341.015

Background



This preview shows how black text looks on a background with the CIELCh color 48, 30.130, 341.015.



This preview shows how white text looks on a background with the CIELCh color 48, 30.130, 341.015.

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, 30.130, 341.015

Protanopia

48, 17.759, 285.556

Deuteranopia

48, 10.554, 308.625



Tritanopia
48, 21.698, 9.999

Trichromacy



Original Color
48, 30.130, 341.015

Protanomaly
48, 20.053, 311.170

Deuteranomaly
48, 16.796, 327.714

Tritanomaly
48, 23.572, 357.903

Monochromacy



Original Color
48, 30.130, 341.015

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 11.429, 338.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 30.130, 341.015 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(153, 96, 131)` looks like.

```
.text, #text, p{  
    color:rgb(153, 96, 131)  
}
```

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(153, 96, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 96, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 30.130, 341.015 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(153, 96, 131) }
```

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

```
.border{ border-color:rgb(153, 96, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 96, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 96, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 96, 131);  
box-shadow:4px 4px 4px 4px rgb(153, 96,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 30.130, 341.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 96, 131) }
```

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

```
.background{ background-color: rgb(153, 96,  
131) }
```

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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