

Converting Colors

CIELCh(48, 18.926, 324.472)

Have a look what the booklet for
CIELCh(48, 18.926, 324.472)
contains.

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Color

CIELCh(48, 18.900, 324.465)

Conversions

Conversions Part 1

Format	Color
Hex	846A85
RGB	132, 106, 133
RGB Percent	52%, 42%, 52%
CMY	0.4838, 0.5857, 0.4799
CMYK	0.01, 0.20, 0.00, 0.48
HSL	298°, 11%, 47%
HSV	298°, 20%, 52%
XYZ	18.7841, 16.7945, 24.3091
YIQ	116.8520, 6.8290, 13.9090

Conversions

Conversions Part 2

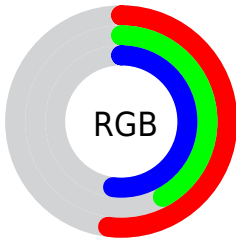
Format	Color
<code>RVB</code>	<code>132, 106, 133</code>
Decimal	<code>8678021</code>
CIELab	<code>48.00, 15.38, -10.98</code>
CIElCh	<code>48, 18.900, 324.465</code>
Yxy	<code>16.7945, 0.3137, 0.2804</code>
Android (<code>android.graphics.Color</code>)	<code>4286868101 (0xFF846A85)</code>
YUV	<code>116.8520, 7.9610, 13.2848</code>
Hunter-Lab	<code>40.9810, 10.1007, -6.4829</code>

Details

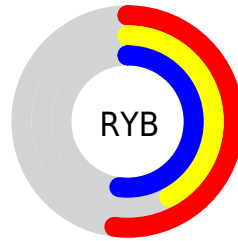
The CIELCh color $48, 18.900, 324.465$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $53, 18.860, 142.265$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 19.076, 324.319$, and $28, 18.241, 324.684$ is the 20% darker color. If you saturate the color by 10%, you get $45, 28.182, 324.962$, and if you desaturate by 10%, it is $52, 9.569, 323.952$.

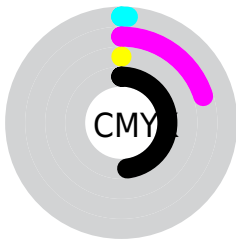
Distribution



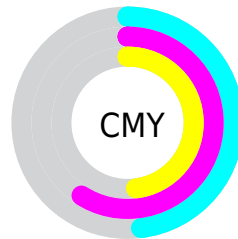
- Red (52%)
- Green (42%)
- Blue (52%)



- Red (52%)
- Yellow (42%)
- Blue (52%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (48%)



- Cyan (48%)
- Magenta (59%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 18.900, 324.465 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, 18.900, 324.465 by changing the saturation by 10% instead.

 48, 18.900,
324.465

 48, 18.900,
324.465


 100, 18.900,
324.465

 38, 18.900,
324.465

 68, 18.900,
324.465


 28, 18.900,
324.465

 78, 18.900,
324.465

 18, 18.900,
324.465


 88, 18.900,
324.465

 8, 18.900, 324.465

 98, 18.900,
324.465

 0, 18.900, 324.465

 48, 18.900,

 48, 18.900,

324.465

45, 28.182,
324.962

41, 37.235,
325.432

38, 45.807,
325.861

36, 53.589,
326.229

34, 60.237,
326.518

32, 65.430,
326.711

31, 68.955,
326.798

30, 71.253,
326.813

324.465

52, 9.569, 323.952

55, 0.323, 322.897

59, 8.755, 142.997

63, 17.614,
142.510

67, 26.226,
142.052

71, 34.580,
141.619

74, 42.675,
141.212

78, 50.517,
140.831

82, 58.115,

Harmonies

Complementary

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



48, 18.900, 324.465



53, 18.860, 142.265

Rectangle

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



48, 18.900, 324.465



48, 18.900, 14.465



48, 18.900, 144.465



48, 18.900, 194.465

Sweetspot

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



48, 18.898, 324.465



68, 6.891, 323.726



46, 15.254, 290.386



35, 4.553, 323.755



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



48, 18.898, 324.465



60, 27.766, 324.676



48, 14.003, 342.668



26, 5.212, 323.888



29, 70.247, 326.816



0, 1.241, 323.447

Inverse Universe

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



47, 11.457, 17.879



59, 17.071, 18.314



53, 13.737, 159.409



26, 3.051, 16.871



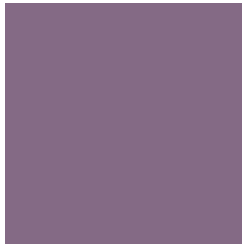
26, 61.000, 37.034



0, 0.709, 16.319

Previews

White Background



This preview shows how the CIELCh color 48, 18.900, 324.465 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, 18.900, 324.465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

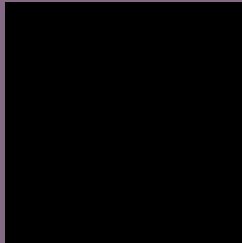
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 18.900, 324.465

Background



This preview shows how black text looks on a background with the CIELCh color 48, 18.900, 324.465.



This preview shows how white text looks on a background with the CIELCh color 48, 18.900, 324.465.

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, 18.900, 324.465

Protanopia

48, 14.781, 286.428

Deuteranopia

48, 12.654, 302.234



Tritanopia
48, 10.100, 349.100

Trichromacy



Original Color
48, 18.900, 324.465

Protanomaly
48, 15.642, 301.874

Deuteranomaly
48, 14.548, 312.041

Tritanomaly
48, 13.219, 335.636

Monochromacy



Original Color
48, 18.900, 324.465

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 7.153, 324.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 18.900, 324.465 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(132, 106, 133)` looks like.

```
.text, #text, p{  
    color:rgb(132, 106, 133)  
}
```

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(132, 106, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 106, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 18.900, 324.465 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(132, 106, 133) }
```

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

```
.border{ border-color:rgb(132, 106, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 106, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 106, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 106, 133);  
box-shadow:4px 4px 4px 4px rgb(132, 106,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 18.900, 324.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 106, 133) }
```

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

```
.background{ background-color: rgb(132,  
106, 133) }
```

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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