

Converting Colors

CIELCh(48, 29.847, 325.857)

Have a look what the booklet for
CIELCh(48, 29.847, 325.857)
contains.

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Color

CIELCh(48, 29.810, 325.357)

Conversions

Conversions Part 1

Format	Color
Hex	8E648F
RGB	142, 100, 143
RGB Percent	56%, 39%, 56%
CMY	0.4438, 0.6085, 0.4399
CMYK	0.01, 0.30, 0.00, 0.44
HSL	299°, 18%, 48%
HSV	299°, 30%, 56%
XYZ	20.6097, 16.7945, 28.0711
YIQ	117.4600, 11.2290, 22.2770

Conversions

Conversions Part 2

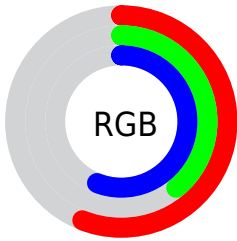
Format	Color
R _Y B	142, 100, 143
Decimal	9331855
CIE Lab	48.00, 24.52, -16.95
CIE LCh	48, 29.810, 325.357
Yxy	16.7945, 0.3148, 0.2565
Android (android.graphics.Color)	4287521935 (0xFF8E648F)
YUV	117.4600, 12.5912, 21.5216
Hunter-Lab	40.9810, 18.0524, -11.9256

Details

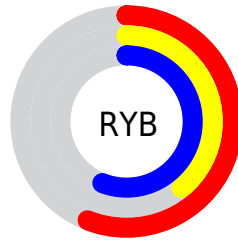
The CIELCh color $48, 29.810, 325.357$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 29.773, 141.863$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 30.100, 325.090$, and $28, 30.241, 325.176$ is the 20% darker color. If you saturate the color by 10%, you get $45, 39.442, 325.840$, and if you desaturate by 10%, it is $52, 19.915, 324.848$.

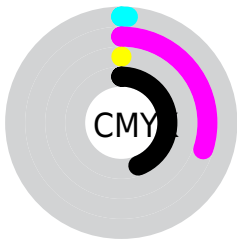
Distribution



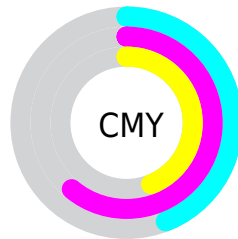
- Red (56%)
- Green (39%)
- Blue (56%)



- Red (56%)
- Yellow (39%)
- Blue (56%)



- Cyan (1%)
- Magenta (30%)
- Yellow (0%)
- Black (44%)



- Cyan (44%)
- Magenta (61%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 29.810, 325.357 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, 29.810, 325.357 by changing the saturation by 10% instead.

 48, 29.810,
325.357


 48, 29.810,
325.357


 100, 29.810,
325.357

 38, 29.810,
325.357

 68, 29.810,
325.357


 28, 29.810,
325.357

 78, 29.810,
325.357

 18, 29.810,
325.357

 88, 29.810,
325.357

 8, 29.810, 325.357

 98, 29.810,
325.357

 0, 29.810, 325.357

 48, 29.810,

 48, 29.810,

325.357

325.357

45, 39.442,
325.840

52, 19.915,
324.848

42, 48.545,
326.280

55, 9.966, 324.323

39, 56.780,
326.662

59, 0.104, 321.929

63, 9.579, 143.344

37, 63.780,
326.967

67, 19.025,
142.845

35, 69.207,
327.180

71, 28.204,
142.375

34, 72.846,
327.293

76, 37.104,
141.930

33, 75.131,
327.332

80, 45.724,
141.512

84, 54.070,

Harmonies

Complementary

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



48, 29.810, 325.357



55, 29.773, 141.863

Rectangle

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



48, 29.810, 325.357



48, 29.810, 15.357



48, 29.810, 145.357



48, 29.810, 195.357

Sweetspot

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



48, 29.808, 325.357



71, 11.019, 324.274



44, 24.892, 292.468



37, 7.723, 324.345



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



48, 29.808, 325.357



59, 44.091, 325.683



47, 21.881, 344.498



28, 5.568, 324.273



31, 72.176, 327.337



1, 3.739, 323.819

Inverse Universe

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



47, 18.661, 20.037



57, 28.331, 20.917



56, 21.229, 159.256



28, 3.245, 17.999



27, 63.387, 37.877



0, 2.123, 17.465

Previews

White Background



This preview shows how the CIELCh color 48, 29.810, 325.357 looks on a white background.

Color Contrast Check

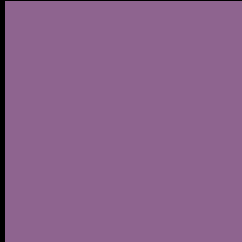
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.810, 325.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

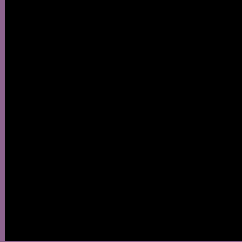
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 29.810, 325.357

Background



This preview shows how black text looks on a background with the CIELCh color 48, 29.810, 325.357.



This preview shows how white text looks on a background with the CIELCh color 48, 29.810, 325.357.

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, 29.810, 325.357

Protanopia

48, 23.122, 284.676

Deuteranopia

48, 17.112, 292.427



Tritanopia
48, 14.671, 0.302

Trichromacy



Original Color
48, 29.810, 325.357

Protanomaly
48, 24.522, 300.836

Deuteranomaly
48, 20.926, 308.177

Tritanomaly
48, 18.993, 341.470

Monochromacy



Original Color
48, 29.810, 325.357

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 10.688, 325.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 29.810, 325.357 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(142, 100, 143)` looks like.

```
.text, #text, p{  
    color:rgb(142, 100, 143)  
}
```

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(142, 100, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 100, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 29.810, 325.357 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(142, 100, 143) }
```

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

```
.border{ border-color:rgb(142, 100, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 100, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 100, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 100, 143);  
box-shadow:4px 4px 4px 4px rgb(142, 100,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 29.810, 325.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 100, 143) }
```

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

```
.background{ background-color: rgb(142,  
100, 143) }
```

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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