

Converting Colors

CIELCh(58, 43.049, 326.748)

Have a look what the booklet for
CIELCh(58, 43.049, 326.748)
contains.

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Color

CIELCh(58, 42.764, 326.771)

Conversions

Conversions Part 1

Format	Color
Hex	B675B5
RGB	182, 117, 181
RGB Percent	71%, 46%, 71%
CMY	0.2867, 0.5416, 0.2906
CMYK	0.00, 0.36, 0.01, 0.29
HSL	301°, 31%, 59%
HSV	301°, 36%, 71%
XYZ	33.9428, 25.9610, 46.8788
YIQ	143.7310, 18.1960, 33.6840

Conversions

Conversions Part 2

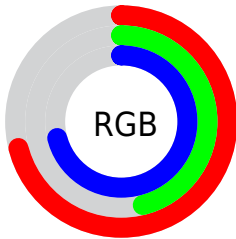
Format	Color
RYB	182, 117, 181
Decimal	11957685
CIELab	58.00, 35.77, -23.43
CIELCh	58, 42.764, 326.771
Yxy	25.9610, 0.3179, 0.2431
Android (android.graphics.Color)	4290147765 (0xFFB675B5)
YUV	143.7310, 18.3736, 33.5619
Hunter-Lab	50.9519, 29.7461, -18.8839

Details

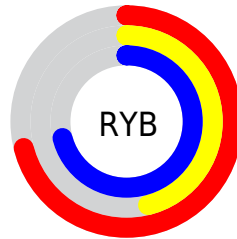
The CIELCh color $58, 42.764, 326.771$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $68, 42.805, 142.254$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 42.913, 326.824$, and $38, 42.643, 326.850$ is the 20% darker color. If you saturate the color by 10%, you get $54, 54.024, 327.266$, and if you desaturate by 10%, it is $62, 30.948, 326.244$.

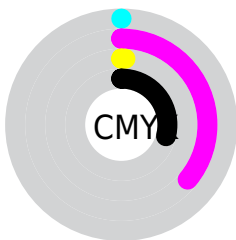
Distribution



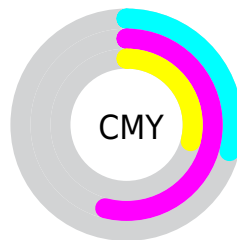
- Red (71%)
- Green (46%)
- Blue (71%)



- Red (71%)
- Yellow (46%)
- Blue (71%)



- Cyan (0%)
- Magenta (36%)
- Yellow (1%)
- Black (29%)





- Cyan (29%)
- Magenta (54%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 42.764, 326.771 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 58, 42.764, 326.771 by changing the saturation by 10% instead.

 58, 42.764,
326.771


 58, 42.764,
326.771


 100, 42.764,
326.771


 48, 42.764,
326.771


 78, 42.764,
326.771

 38, 42.764,
326.771

 88, 42.764,
326.771

 28, 42.764,
326.771

 98, 42.764,
326.771

 18, 42.764,
326.771

 8, 42.764, 326.771

 0, 42.764, 326.771

58, 42.764,
326.771

58, 42.764,
326.771

54, 54.024,
327.266

62, 30.948,
326.244

51, 64.332,
327.714

67, 18.900,
325.697

48, 73.227,
328.100

71, 6.850, 325.128

46, 80.269,
328.412

76, 5.044, 144.671

44, 85.143,
328.643

81, 16.681,
144.111

43, 87.806,
328.796

86, 28.006,
143.598

43, 88.602,
328.850

91, 38.988,
143.112

94, 45.284,
142.877

■ 94, 45.167,
142.979

Harmonies

Complementary

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



58, 42.764, 326.771



68, 42.805, 142.254

Rectangle

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



58, 42.764, 326.771



58, 42.764, 16.771



58, 42.764, 146.771



58, 42.764, 196.771

Sweetspot

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



58, 42.762, 326.771



87, 16.364, 325.443



52, 37.811, 294.742



46, 11.092, 325.519



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



58, 42.762, 326.771



70, 63.232, 327.171



57, 31.030, 347.061



36, 6.838, 325.339



37, 78.949, 328.842



3, 18.534, 325.315

Inverse Universe

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



58, 42.762, 326.771



70, 63.232, 327.171



69, 29.730, 160.256



36, 6.838, 325.339



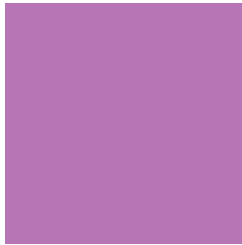
37, 78.949, 328.842



3, 18.534, 325.315

Previews

White Background



This preview shows how the CIELCh color 58, 42.764, 326.771 looks on a white background.

Color Contrast Check

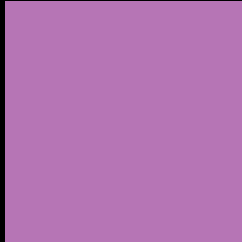
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 58, 42.764, 326.771 looks on a black 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

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

CIELCh 58, 42.764, 326.771

Background



This preview shows how black text looks on a background with the CIELCh color 58, 42.764, 326.771.



This preview shows how white text looks on a background with the CIELCh color 58, 42.764, 326.771.

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
58, 42.764, 326.771

Protanopia
58, 33.685, 285.373

Deuteranopia
58, 22.755, 290.161



Tritanopia
58, 21.001, 6.315

Trichromacy



Original Color
58, 42.764, 326.771

Protanomaly
58, 35.195, 301.639

Deuteranomaly
58, 28.463, 308.251

Tritanomaly
58, 26.792, 344.970

Monochromacy



Original Color
58, 42.764, 326.771

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 15.979, 326.391

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 42.764, 326.771 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(182, 117, 181)` looks like.

```
.text, #text, p{  
    color:rgb(182, 117, 181)  
}
```

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(182, 117, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 117, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 42.764, 326.771 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(182, 117, 181) }
```

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

```
.border{ border-color:rgb(182, 117, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 117, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 117, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 117, 181);  
box-shadow:4px 4px 4px 4px rgb(182, 117,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 42.764, 326.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 117, 181) }
```

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

```
.background{ background-color: rgb(182,  
117, 181) }
```

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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