

Converting Colors

CIELCh(58, 43.433, 325.217)

Have a look what the booklet for
CIELCh(58, 43.433, 325.217)
contains.

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Color

CIELCh(58, 43.487, 325.479)

Conversions

Conversions Part 1

Format	Color
Hex	B575B7
RGB	181, 117, 183
RGB Percent	71%, 46%, 72%
CMY	0.2902, 0.5412, 0.2824
CMYK	0.01, 0.36, 0.00, 0.28
HSL	298°, 31%, 59%
HSV	298°, 36%, 72%
XYZ	33.9595, 25.9610, 48.0149
YIQ	143.6600, 16.9580, 34.0940

Conversions

Conversions Part 2

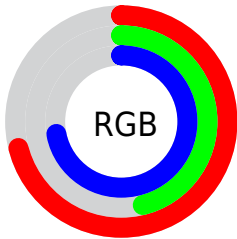
Format	Color
R_{YB}	181, 117, 183
Decimal	11892151
CIE _{Lab}	58.00, 35.83, -24.64
CIE _{LCh}	58, 43.487, 325.479
Yxy	25.9610, 0.3146, 0.2405
Android (android.graphics.Color)	4290082231 (0xFFB575B7)
YUV	143.6600, 19.3946, 32.7472
Hunter-Lab	50.9519, 29.8047, -20.2060

Details

The CIELCh color $58, 43.487, 325.479$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $69, 43.443, 141.136$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 43.585, 325.602$, and $38, 43.440, 325.464$ is the 20% darker color. If you saturate the color by 10%, you get $54, 54.874, 325.939$, and if you desaturate by 10%, it is $62, 31.564, 324.981$.

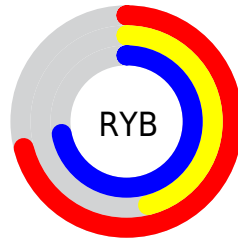
Distribution



Red (71%)

Green (46%)

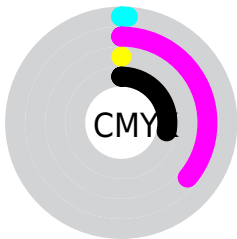
Blue (72%)



Red (71%)

Yellow (46%)

Blue (72%)

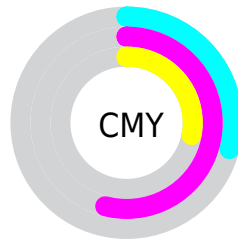


Cyan (1%)

Magenta (36%)

Yellow (0%)

Black (28%)



Cyan (29%)


Magenta (54%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 43.487, 325.479 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, 43.487, 325.479 by changing the saturation by 10% instead.

 58, 43.487,
325.479

 58, 43.487,
325.479


 100, 43.487,
325.479

 48, 43.487,
325.479

 78, 43.487,
325.479

 38, 43.487,
325.479

 88, 43.487,
325.479

 28, 43.487,
325.479

 98, 43.487,
325.479

 18, 43.487,
325.479

 8, 43.487, 325.479

 0, 43.487, 325.479

58, 43.487,
325.479

58, 43.487,
325.479

54, 54.874,
325.939

62, 31.564,
324.981

51, 65.329,
326.343

67, 19.424,
324.460

48, 74.387,
326.670

71, 7.294, 323.917

45, 81.593,
326.902

76, 4.674, 143.482

44, 86.614,
327.028

81, 16.384,
142.943

43, 89.401,
327.046

86, 27.780,
142.453

42, 90.201,
327.040

91, 38.836,
141.991

94, 44.629,
141.666

■ 94, 44.518,
141.479

Harmonies

Complementary

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



58, 43.487, 325.479



69, 43.443, 141.136

Rectangle

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



58, 43.487, 325.479



58, 43.487, 15.479



58, 43.487, 145.479



58, 43.487, 195.479

Sweetspot

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



58, 43.485, 325.479



87, 16.381, 324.199



52, 37.009, 293.539



46, 11.104, 324.272



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, 43.485, 325.479



70, 63.468, 325.835



57, 32.100, 345.205



36, 6.845, 324.099



36, 80.001, 327.055



3, 18.535, 323.457

Inverse Universe

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



56, 27.957, 20.392



67, 42.127, 21.637



69, 30.967, 158.529



36, 4.003, 17.460



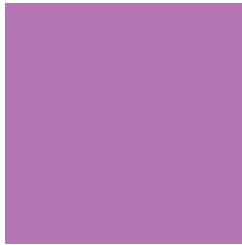
32, 70.722, 38.376



2, 10.648, 17.560

Previews

White Background



This preview shows how the CIELCh color 58, 43.487, 325.479 looks on a white background.

Color Contrast Check

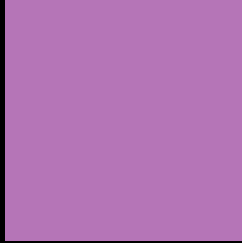
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.487, 325.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

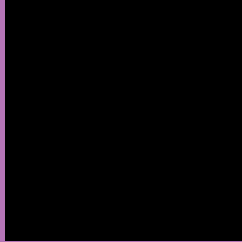
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 43.487, 325.479

Background



This preview shows how black text looks on a background with the CIELCh color 58, 43.487, 325.479.

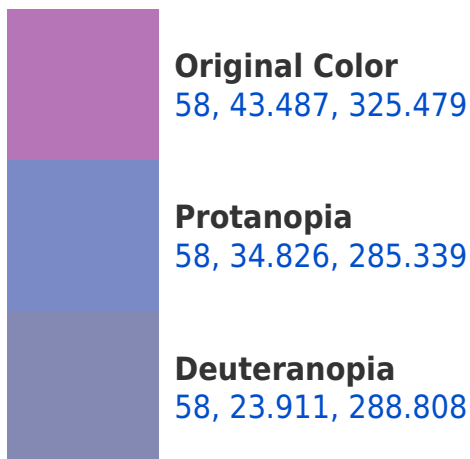


This preview shows how white text looks on a background with the CIELCh color 58, 43.487, 325.479.

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





Tritanopia
58, 20.084, 7.122

Trichromacy



Original Color
58, 43.487, 325.479

Protanomaly
58, 36.271, 300.945

Deuteranomaly
58, 29.468, 307.035

Tritanomaly
58, 26.801, 343.397

Monochromacy



Original Color
58, 43.487, 325.479

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 16.232, 324.086

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 43.487, 325.479 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(181, 117, 183)` looks like.

```
.text, #text, p{  
    color:rgb(181, 117, 183)  
}
```

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(181, 117, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 117, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 43.487, 325.479 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(181, 117, 183) }
```

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

```
.border{ border-color:rgb(181, 117, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 117, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 117, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 117, 183);  
box-shadow:4px 4px 4px 4px rgb(181, 117,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 43.487, 325.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 117, 183) }
```

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

```
.background{ background-color: rgb(181,  
117, 183) }
```

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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