

Converting Colors

CIELCh(58, 33.022, 325.954)

Have a look what the booklet for
CIELCh(58, 33.022, 325.954)
contains.

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Color

CIELCh(58, 33.056, 325.962)

Conversions

Conversions Part 1

Format	Color
Hex	AC7BAC
RGB	172, 123, 172
RGB Percent	67%, 48%, 67%
CMY	0.3250, 0.5172, 0.3250
CMYK	0.00, 0.28, 0.00, 0.33
HSL	300°, 23%, 58%
HSV	300°, 28%, 67%
XYZ	31.5939, 25.9610, 42.4349
YIQ	143.2370, 13.4750, 25.6270

Conversions

Conversions Part 2

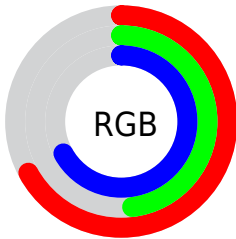
Format	Color
RYB	172, 123, 172
Decimal	11303852
CIELab	58.00, 27.39, -18.50
CIELCh	58, 33.056, 325.962
Yxy	25.9610, 0.3160, 0.2596
Android (android.graphics.Color)	4289493932 (0xFFAC7BAC)
YUV	143.2370, 14.1802, 25.2252
Hunter-Lab	50.9519, 21.5172, -13.7128

Details

The CIELCh color **58, 33.056, 325.962** is a light color, and the websafe version is hex **996699**. A complement of this color would be **66, 33.053, 142.514**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 32.884, 326.211**, and **38, 33.472, 325.824** is the 20% darker color. If you saturate the color by 10%, you get **54, 44.356, 326.471**, and if you desaturate by 10%, it is **62, 21.453, 325.428**.

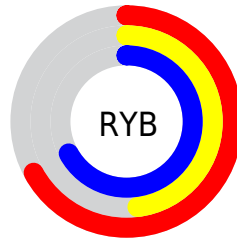
Distribution



Red (67%)

Green (48%)

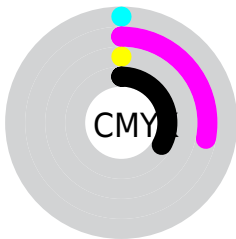
Blue (67%)



Red (67%)

Yellow (48%)

Blue (67%)

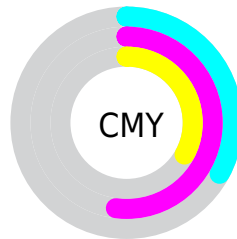


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (33%)



Cyan (33%)


Magenta (52%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 33.056, 325.962 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, 33.056, 325.962 by changing the saturation by 10% instead.


 58, 33.056,
325.962


 58, 33.056,
325.962


 100, 33.056,
325.962


 48, 33.056,
325.962


 78, 33.056,
325.962

 38, 33.056,
325.962

 88, 33.056,
325.962

 28, 33.056,
325.962

 98, 33.056,
325.962

 18, 33.056,
325.962

 8, 33.056, 325.962

 0, 33.056, 325.962

58, 33.056,
325.962

58, 33.056,
325.962

54, 44.356,
326.471

62, 21.453,
325.428

51, 55.035,
326.941

67, 9.797, 324.876

47, 64.688,
327.355

71, 1.745, 144.494

45, 72.880,
327.698

76, 13.063,
143.853

43, 79.212,
327.958

80, 24.091,
143.336

42, 83.441,
328.128

85, 34.795,
142.846


41, 85.765,
328.221

90, 45.160,
142.383

41, 86.074,

93, 51.839,
142.091

328.233

 93, 51.839,
142.091

Harmonies

Complementary

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



58, 33.056, 325.962



66, 33.053, 142.514

Rectangle

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



58, 33.056, 325.962



58, 33.056, 15.962



58, 33.056, 145.962



58, 33.056, 195.962

Sweetspot

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



58, 33.054, 325.962



84, 12.920, 324.915



53, 28.356, 293.575



44, 8.974, 324.994



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



58, 33.054, 325.962



71, 48.814, 326.278



57, 23.605, 346.229



34, 6.590, 324.923



35, 77.960, 328.233



2, 13.856, 324.440

Inverse Universe

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



58, 33.054, 325.962



71, 48.814, 326.278



66, 22.799, 161.076



34, 6.590, 324.923



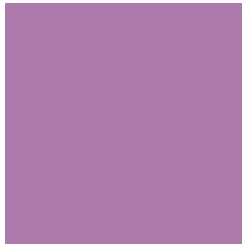
35, 77.960, 328.233



2, 13.856, 324.440

Previews

White Background



This preview shows how the CIELCh color 58, 33.056, 325.962 looks on a white background.

Color Contrast Check

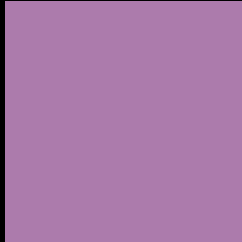
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.056, 325.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

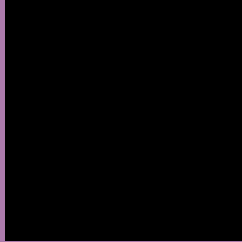
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 33.056, 325.962

Background



This preview shows how black text looks on a background with the CIELCh color 58, 33.056, 325.962.



This preview shows how white text looks on a background with the CIELCh color 58, 33.056, 325.962.

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, 33.056, 325.962

Protanopia

58, 25.691, 285.619

Deuteranopia

58, 18.792, 293.397



Tritanopia
58, 16.615, 1.442

Trichromacy



Original Color
58, 33.056, 325.962

Protanomaly
58, 26.572, 301.383

Deuteranomaly
58, 23.250, 308.827

Tritanomaly
58, 21.207, 342.016

Monochromacy



Original Color
58, 33.056, 325.962

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 12.366, 325.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 33.056, 325.962 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(172, 123, 172)` looks like.

```
.text, #text, p{  
    color:rgb(172, 123, 172)  
}
```

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(172, 123, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 123, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 33.056, 325.962 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(172, 123, 172) }
```

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

```
.border{ border-color:rgb(172, 123, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 123, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 123, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 123, 172);  
box-shadow:4px 4px 4px 4px rgb(172, 123,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 33.056, 325.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 123, 172) }
```

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

```
.background{ background-color: rgb(172,  
123, 172) }
```

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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