

Converting Colors

CIELCh(58, 32.047, 325.540)

Have a look what the booklet for
CIELCh(58, 32.047, 325.540)
contains.

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Color

CIELCh(58, 31.751, 325.909)

Conversions

Conversions Part 1

Format	Color
Hex	AB7CAB
RGB	171, 124, 171
RGB Percent	67%, 49%, 67%
CMY	0.3299, 0.5142, 0.3299
CMYK	0.00, 0.28, 0.00, 0.33
HSL	300°, 22%, 58%
HSV	300°, 28%, 67%
XYZ	31.2945, 25.9610, 41.8225
YIQ	143.4110, 12.9250, 24.5810

Conversions

Conversions Part 2

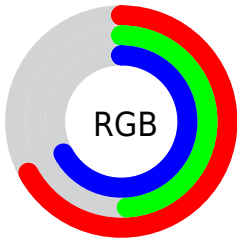
Format	Color
R _Y B	171, 124, 171
Decimal	11238571
CIE _{Lab}	58.00, 26.29, -17.80
CIE _{LCh}	58, 31.751, 325.909
Yxy	25.9610, 0.3159, 0.2620
Android (android.graphics.Color)	4289428651 (0xFFAB7CAB)
YUV	143.4110, 13.6014, 24.1956
Hunter-Lab	50.9519, 20.4681, -13.0003

Details

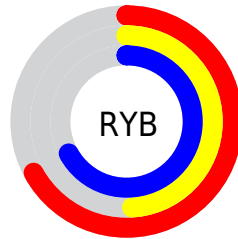
The CIELCh color **58, 31.751, 325.909** is a light color, and the websafe version is hex **996699**. A complement of this color would be **66, 31.744, 142.595**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 31.629, 326.189**, and **38, 32.127, 325.732** is the 20% darker color. If you saturate the color by 10%, you get **54, 43.027, 326.421**, and if you desaturate by 10%, it is **62, 20.202, 325.374**.

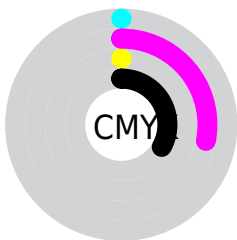
Distribution



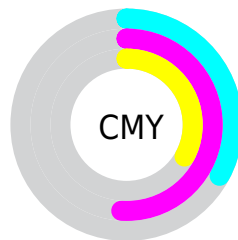
- Red (67%)
- Green (49%)
- Blue (67%)



- Red (67%)
- Yellow (49%)
- Blue (67%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (33%)





- Cyan (33%)
- Magenta (51%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 31.751, 325.909 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, 31.751, 325.909 by changing the saturation by 10% instead.


 58, 31.751,
325.909


 58, 31.751,
325.909


 100, 31.751,
325.909


 48, 31.751,
325.909


 78, 31.751,
325.909

 38, 31.751,
325.909

 88, 31.751,
325.909

 28, 31.751,
325.909

 98, 31.751,
325.909

 18, 31.751,
325.909

 8, 31.751, 325.909

 0, 31.751, 325.909

58, 31.751,
325.909

58, 31.751,
325.909

54, 43.027,
326.421

62, 20.202,
325.374

50, 53.720,
326.895

67, 8.620, 324.819

71, 2.836, 144.390

47, 63.438,
327.316

76, 14.061,
143.801

45, 71.746,
327.666

80, 24.994,
143.287

43, 78.242,
327.934

85, 35.602,
142.800

41, 82.662,
328.113

90, 45.875,
142.339

41, 85.106,
328.211

93, 52.610,
142.044

41, 85.612,

328.232

 93, 52.610,
142.044

Harmonies

Complementary

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



58, 31.751, 325.909



66, 31.744, 142.595

Rectangle

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



58, 31.751, 325.909



58, 31.751, 15.909



58, 31.751, 145.909



58, 31.751, 195.909

Sweetspot

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



58, 31.749, 325.909



84, 11.372, 324.855



54, 26.691, 292.797



44, 8.154, 324.939



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, 31.749, 325.909



71, 46.977, 326.224



57, 22.889, 345.191



34, 6.590, 324.922



35, 77.962, 328.232



2, 13.857, 324.438

Inverse Universe

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



57, 19.650, 21.566



69, 29.813, 22.301



66, 22.194, 160.320



34, 3.818, 19.907



31, 69.981, 39.446



2, 7.802, 19.403

Previews

White Background



This preview shows how the CIELCh color 58, 31.751, 325.909 looks on a white background.

Color Contrast Check

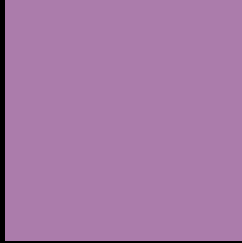
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 58, 31.751, 325.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

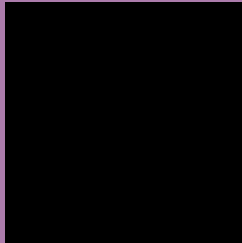
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 31.751, 325.909

Background



This preview shows how black text looks on a background with the CIELCh color 58, 31.751, 325.909.

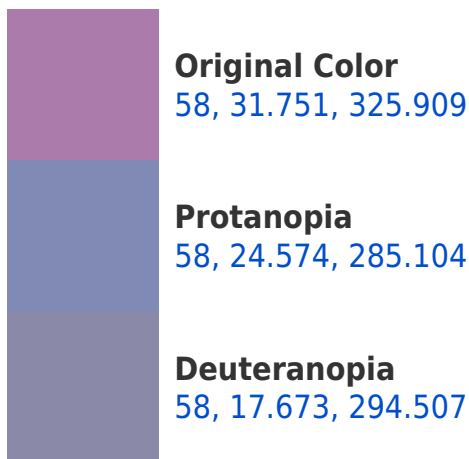



This preview shows how white text looks on a background with the CIELCh color 58, 31.751, 325.909.

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, 15.829, 0.308

Trichromacy



Original Color
58, 31.751, 325.909

Protanomaly
58, 25.454, 301.685

Deuteranomaly
58, 22.278, 310.537

Tritanomaly
58, 20.258, 341.737

Monochromacy



Original Color
58, 31.751, 325.909

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 11.690, 325.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 31.751, 325.909 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(171, 124, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 124, 171)  
}
```

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(171, 124, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 124, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 31.751, 325.909 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(171, 124, 171) }
```

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

```
.border{ border-color:rgb(171, 124, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 124, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 124, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 124, 171); box-shadow:4px 4px 4px 4px rgb(171, 124, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 31.751, 325.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 124, 171) }
```

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

```
.background{ background-color: rgb(171,  
124, 171) }
```

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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