

Converting Colors

CIELCh(58, 23.272, 358.564)

Have a look what the booklet for
CIELCh(58, 23.272, 358.564)
contains.

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Color

CIELCh(58, 22.970, 359.063)

Conversions

Conversions Part 1

Format	Color
Hex	B27D8D
RGB	178, 125, 141
RGB Percent	70%, 49%, 55%
CMY	0.3029, 0.5107, 0.4480
CMYK	0.00, 0.30, 0.21, 0.30
HSL	342°, 26%, 59%
HSV	342°, 30%, 70%
XYZ	30.3983, 25.9610, 28.5175
YIQ	142.6710, 26.4520, 16.2120

Conversions

Conversions Part 2

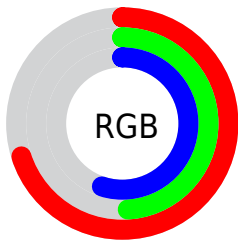
Format	Color
R _Y B	178, 125, 141
Decimal	11697549
CIE Lab	58.00, 22.97, -0.38
CIE LCh	58, 22.970, 359.063
Yxy	25.9610, 0.3581, 0.3059
Android (android.graphics.Color)	4289887629 (0xFFB27D8D)
YUV	142.6710, -0.8238, 30.9835
Hunter-Lab	50.9519, 17.3286, 2.4821

Details

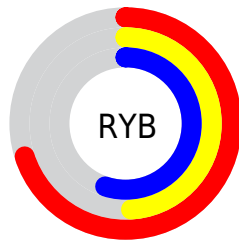
The CIELCh color **58, 22.970, 359.063** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **69, 21.066, 172.932**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 23.242, 358.650**, and **38, 23.097, 358.576** is the 20% darker color. If you saturate the color by 10%, you get **54, 31.001, 0.566**, and if you desaturate by 10%, it is **63, 15.022, 357.799**.

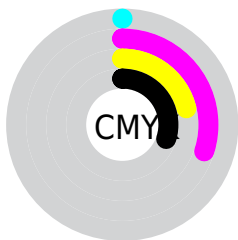
Distribution



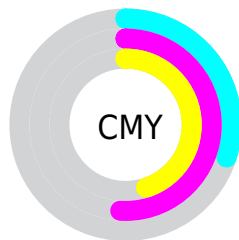
- Red (70%)
- Green (49%)
- Blue (55%)



- Red (70%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (30%)
- Yellow (21%)
- Black (30%)





- Cyan (30%)
- Magenta (51%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 22.970, 359.063 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, 22.970, 359.063 by changing the saturation by 10% instead.


 58, 22.970,
359.063

 58, 22.970,
359.063


 100, 22.970,
359.063


 48, 22.970,
359.063


 78, 22.970,
359.063

 38, 22.970,
359.063

 88, 22.970,
359.063

 28, 22.970,
359.063

 98, 22.970,
359.063

 18, 22.970,
359.063

 8, 22.970, 359.063

 0, 22.970, 359.063

■ 58, 22.970,
359.063

■ 58, 22.970,
359.063

■ 54, 31.001, 0.566

■ 63, 15.022,
357.799

■ 49, 38.911, 2.385

■ 68, 7.296, 356.692

■ 46, 46.400, 4.637

■ 73, 0.138, 178.982

■ 42, 53.116, 7.472

■ 78, 7.250, 175.046

■ 40, 58.738, 11.055

■ 83, 14.037,
174.277

■ 38, 63.126, 15.523

■ 37, 66.691, 20.667

■ 88, 20.510,
173.600

■ 37, 66.765, 20.765

■ 93, 26.690,
172.989

■ 95, 26.681,
180.908

■ 95, 24.820,
194.829

Harmonies

Complementary

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



58, 22.970, 359.063



69, 21.066, 172.932

Rectangle

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



58, 22.970, 359.063



58, 22.970, 49.063



58, 22.970, 179.063



58, 22.970, 229.063

Sweetspot

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



58, 22.968, 359.066



86, 8.307, 356.623



57, 32.915, 316.464



45, 5.836, 356.777



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



58, 22.968, 359.066



71, 34.730, 0.059



60, 19.103, 37.552



35, 4.225, 356.641



32, 59.555, 20.022



2, 9.707, 0.755

Inverse Universe

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



58, 22.968, 359.066



71, 34.730, 0.059



66, 15.555, 218.645



35, 4.225, 356.641



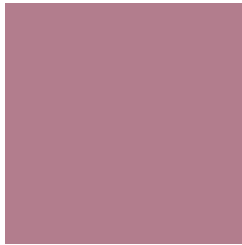
32, 59.555, 20.022



2, 9.707, 0.755

Previews

White Background



This preview shows how the CIELCh color 58, 22.970, 359.063 looks on a white background.

Color Contrast Check

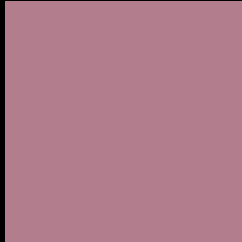
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.970, 359.063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

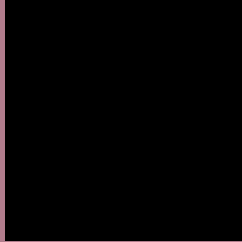
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 22.970, 359.063

Background



This preview shows how black text looks on a background with the CIELCh color 58, 22.970, 359.063.



This preview shows how white text looks on a background with the CIELCh color 58, 22.970, 359.063.

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, 22.970, 359.063

Protanopia

58, 5.688, 290.843

Deuteranopia

58, 7.511, 2.621



Tritanopia
58, 21.318, 8.152

Trichromacy



Original Color
58, 22.970, 359.063

Protanomaly
58, 10.100, 338.057

Deuteranomaly
58, 13.369, 358.516

Tritanomaly
58, 21.496, 5.197

Monochromacy



Original Color
58, 22.970, 359.063

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 8.252, 355.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 22.970, 359.063 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(178, 125, 141)` looks like.

```
.text, #text, p{  
    color:rgb(178, 125, 141)  
}
```

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(178, 125, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 125, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 22.970, 359.063 is called "border". The border property can be set on classes, ids or directly on the HTML element.

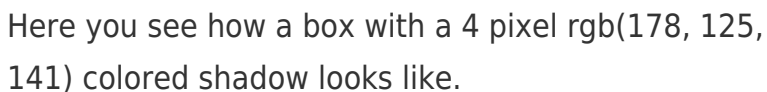
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 125, 141) }
```

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

```
.border{ border-color:rgb(178, 125, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 125, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 125, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 125, 141); box-shadow:4px 4px 4px 4px rgb(178, 125, 141) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 22.970, 359.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 125, 141) }
```

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

```
.background{ background-color: rgb(178,  
125, 141) }
```

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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