

Converting Colors

CIELCh(58, 28.672, 22.612)

Have a look what the booklet for
CIELCh(58, 28.672, 22.612) contains.

CIELCh(58, 28.803, 22.662)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(58, 28.803, 22.662)

Conversions

Conversions Part 1

Format	Color
Hex	BD7979
RGB	189, 121, 121
RGB Percent	74%, 47%, 47%
CMY	0.2579, 0.5246, 0.5247
CMYK	0.00, 0.36, 0.36, 0.26
HSL	0°, 34%, 61%
HSV	0°, 36%, 74%
XYZ	31.3719, 25.9610, 21.5139
YIQ	141.3320, 40.5280, 14.4160

Conversions

Conversions Part 2

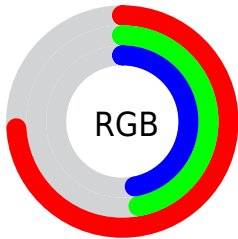
Format	Color
R_{YB}	189, 121, 121
Decimal	12417401
CIE _{Lab}	58.00, 26.58, 11.10
CIE _{LCh}	58, 28.803, 22.662
Yxy	25.9610, 0.3979, 0.3293
Android (android.graphics.Color)	4290607481 (0xFFBD7979)
YUV	141.3320, -10.0237, 41.8048
Hunter-Lab	50.9519, 20.7395, 10.6317

Details

The CIELCh color **58, 28.803, 22.662** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **72, 22.451, 197.696**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 28.858, 22.923**, and **38, 28.632, 21.803** is the 20% darker color. If you saturate the color by 10%, you get **53, 38.042, 24.282**, and if you desaturate by 10%, it is **63, 20.043, 21.426**.

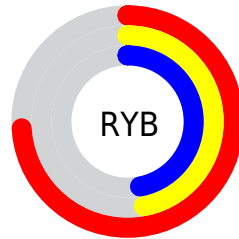
Distribution



Red (74%)

Green (47%)

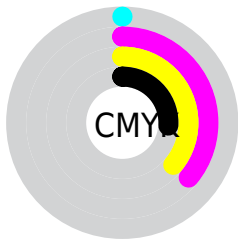
Blue (47%)



Red (74%)

Yellow (47%)

Blue (47%)

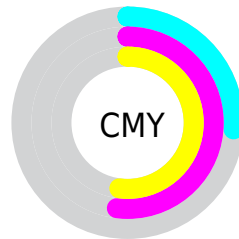


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (26%)



Cyan (26%)

Magenta (52%)

Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 28.803, 22.662 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, 28.803, 22.662 by changing the saturation by 10% instead.

 58, 28.803, 22.662

 58, 28.803, 22.662

 100, 28.803,
22.662

 48, 28.803, 22.662

 78, 28.803, 22.662

 38, 28.803, 22.662

 88, 28.803, 22.662

 28, 28.803, 22.662

 98, 28.803, 22.662

 18, 28.803, 22.662

 8, 28.803, 22.662

 0, 28.803, 22.662

 58, 28.803, 22.662

 58, 28.803, 22.662

 53, 38.042, 24.282

 63, 20.043, 21.426

 49, 47.600, 26.381

 68, 11.853, 20.463

46, 57.212, 29.059

73, 4.251, 19.652

43, 66.518, 32.316

79, 2.784, 199.396

41, 74.939, 35.871

84, 9.293, 198.813

40, 81.271, 38.868

90, 15.328,
198.431

39, 83.566, 40.001

95, 20.944,
198.133

96, 21.325,
198.104

Harmonies

Complementary

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



58, 28.803, 22.662



72, 22.451, 197.696

Rectangle

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



58, 28.803, 22.662



58, 28.803, 72.662



58, 28.803, 202.662



58, 28.803, 252.662

Sweetspot

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



58, 28.801, 22.666



89, 9.891, 20.070



60, 44.875, 326.358



46, 6.679, 20.179



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



58, 28.801, 22.666



69, 43.576, 23.878



66, 23.890, 70.975



37, 4.095, 19.927



32, 72.801, 39.666



3, 12.250, 19.411

Inverse Universe

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



72, 22.451, 197.696



90, 31.939, 197.403



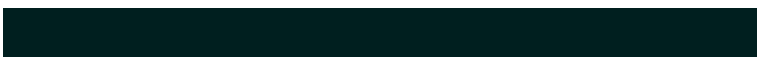
63, 21.603, 261.325



39, 3.863, 198.992



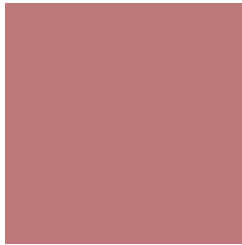
59, 35.054, 196.403



9, 11.661, 196.752

Previews

White Background



This preview shows how the CIELCh color 58, 28.803, 22.662 looks on a white background.

Color Contrast Check

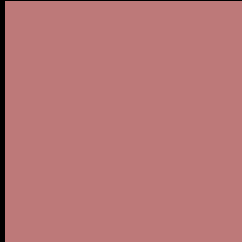
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.803, 22.662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

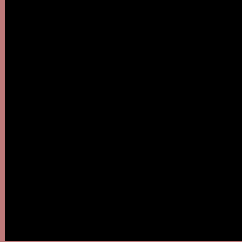
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 28.803, 22.662

Background



This preview shows how black text looks on a background with the CIELCh color 58, 28.803, 22.662.



This preview shows how white text looks on a background with the CIELCh color 58, 28.803, 22.662.

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, 28.803, 22.662

Protanopia

58, 4.943, 85.656

Deuteranopia

58, 14.306, 59.148



Tritanopia
58, 29.298, 13.048

Trichromacy



Original Color
58, 28.803, 22.662

Protanomaly
58, 11.683, 37.258

Deuteranomaly
58, 18.372, 38.819

Tritanomaly
58, 29.331, 16.322

Monochromacy



Original Color
58, 28.803, 22.662

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 10.125, 20.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 28.803, 22.662 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(189, 121, 121)` looks like.

```
.text, #text, p{  
    color:rgb(189, 121, 121)  
}
```

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(189, 121, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 121, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 28.803, 22.662 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(189, 121, 121) }
```

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

```
.border{ border-color:rgb(189, 121, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 121, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 121, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 121, 121); box-shadow:4px 4px 4px 4px rgb(189, 121, 121) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 28.803, 22.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 121, 121) }
```

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

```
.background{ background-color: rgb(189,  
121, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor