

Converting Colors

CIELCh(58, 21.887, 23.081)

Have a look what the booklet for
CIELCh(58, 21.887, 23.081) contains.

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Color

CIELCh(58, 21.803, 23.231)

Conversions

Conversions Part 1

Format	Color
Hex	B27E7D
RGB	178, 126, 125
RGB Percent	70%, 49%, 49%
CMY	0.3010, 0.5050, 0.5089
CMYK	0.00, 0.29, 0.30, 0.30
HSL	1°, 26%, 60%
HSV	1°, 30%, 70%
XYZ	29.6231, 25.9610, 22.9277
YIQ	141.4340, 31.3130, 10.7130

Conversions

Conversions Part 2

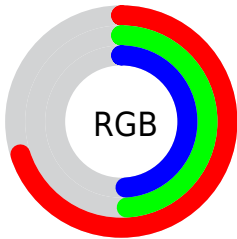
Format	Color
RYB	178, 126, 125
Decimal	11697789
CIELab	58.00, 20.04, 8.60
CIElCh	58, 21.803, 23.231
Yxy	25.9610, 0.3773, 0.3307
Android (android.graphics.Color)	4289887869 (0xFFB27E7D)
YUV	141.4340, -8.1020, 32.0684
Hunter-Lab	50.9519, 14.6128, 8.9866

Details

The CIELCh color **58, 21.803, 23.231** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **69, 17.801, 199.776**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 21.861, 22.604**, and **38, 22.068, 22.861** is the 20% darker color. If you saturate the color by 10%, you get **53, 30.207, 24.499**, and if you desaturate by 10%, it is **63, 13.925, 22.266**.

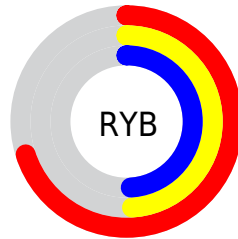
Distribution



Red (70%)

Green (49%)

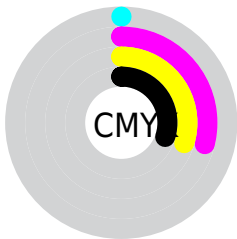
Blue (49%)



Red (70%)

Yellow (49%)

Blue (49%)

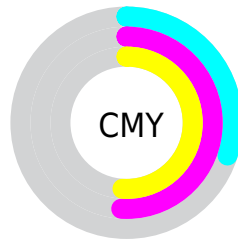


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (30%)



Cyan (30%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 21.803, 23.231 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, 21.803, 23.231 by changing the saturation by 10% instead.

■ 58, 21.803, 23.231

■ 58, 21.803, 23.231

■ 100, 21.803,
23.231

■ 48, 21.803, 23.231

■ 78, 21.803, 23.231

■ 38, 21.803, 23.231

■ 88, 21.803, 23.231

■ 28, 21.803, 23.231

■ 98, 21.803, 23.231

■ 18, 21.803, 23.231

■ 8, 21.803, 23.231

■ 0, 21.803, 23.231

■ 58, 21.803, 23.231

■ 58, 21.803, 23.231

■ 53, 30.207, 24.499

■ 63, 13.925, 22.266

■ 49, 39.052, 26.150

■ 68, 6.607, 21.495

45, 48.168, 28.285

73, 0.166, 204.080

42, 57.294, 30.971

78, 6.429, 200.656

40, 66.045, 34.137

83, 12.230,
200.281

38, 73.710, 37.361

88, 17.620,
200.005

37, 79.485, 40.109

37, 79.635, 40.185

93, 22.648,
199.791

95, 24.481,
197.908

Harmonies

Complementary

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



58, 21.803, 23.231



69, 17.801, 199.776

Rectangle

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



58, 21.803, 23.231



58, 21.803, 73.231



58, 21.803, 203.231



58, 21.803, 253.231

Sweetspot

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



58, 21.801, 23.236



86, 7.544, 21.452



59, 35.120, 326.493



45, 5.315, 21.556



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, 21.801, 23.236



70, 33.533, 24.068



65, 18.706, 73.486



35, 3.838, 21.464



31, 70.669, 39.809



2, 9.021, 20.644

Inverse Universe

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



69, 17.801, 199.776



87, 25.955, 199.550



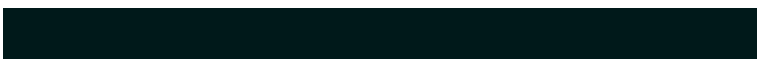
61, 17.396, 261.832



37, 3.620, 200.658



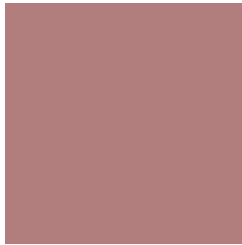
56, 33.336, 199.342



7, 8.873, 201.618

Previews

White Background



This preview shows how the CIELCh color 58, 21.803, 23.231 looks on a white background.

Color Contrast Check

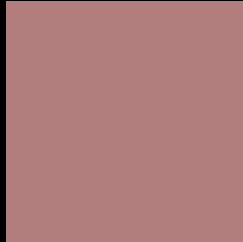
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.803, 23.231 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, 21.803, 23.231

Background



This preview shows how black text looks on a background with the CIELCh color 58, 21.803, 23.231.



This preview shows how white text looks on a background with the CIELCh color 58, 21.803, 23.231.

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, 21.803, 23.231

Protanopia

58, 4.428, 82.798

Deuteranopia

58, 11.810, 51.828



Tritanopia
58, 22.562, 9.093

Trichromacy



Original Color
58, 21.803, 23.231

Protanomaly
58, 9.271, 34.326

Deuteranomaly
58, 14.979, 38.196

Tritanomaly
58, 22.445, 13.356

Monochromacy



Original Color
58, 21.803, 23.231

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 7.627, 20.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 21.803, 23.231 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, 126, 125)` looks like.

```
.text, #text, p{  
    color:rgb(178, 126, 125)  
}
```

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, 126, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 126, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 21.803, 23.231 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, 126, 125) }
```

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

```
.border{ border-color:rgb(178, 126, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 126, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 126, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 126, 125);  
box-shadow:4px 4px 4px 4px rgb(178, 126,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 21.803, 23.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 126, 125) }
```

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

```
.background{ background-color: rgb(178,  
126, 125) }
```

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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