

Converting Colors

CIELCh(58, 23.300, 49.783)

Have a look what the booklet for
CIELCh(58, 23.300, 49.783) contains.

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Color

CIELCh(58, 23.300, 49.783)

Conversions

Conversions Part 1

Format	Color
Hex	AF816D
RGB	175, 129, 109
RGB Percent	69%, 51%, 43%
CMY	0.3133, 0.4937, 0.5722
CMYK	0.00, 0.26, 0.38, 0.31
HSL	18°, 29%, 56%
HSV	18°, 38%, 69%
XYZ	28.3339, 25.9610, 18.0139
YIQ	140.4740, 33.8360, 3.5320

Conversions

Conversions Part 2

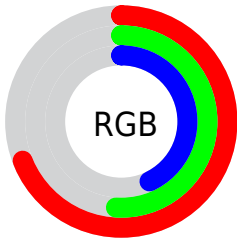
Format	Color
R_{YB}	175, 138, 109
Decimal	11501933
CIE _{Lab}	58.00, 15.04, 17.79
CIE _{LCh}	58, 23.300, 49.783
Yxy	25.9610, 0.3918, 0.3590
Android (android.graphics.Color)	4289692013 (0xFFAF816D)
YUV	140.4740, -15.5167, 30.2793
Hunter-Lab	50.9519, 10.0964, 14.7045

Details

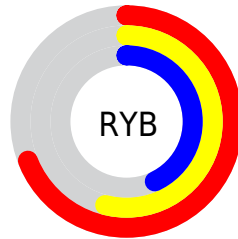
The CIELCh color **58, 23.300, 49.783** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62, 18.503, 236.055**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 23.232, 49.277**, and **38, 23.464, 50.782** is the 20% darker color. If you saturate the color by 10%, you get **55, 30.628, 49.440**, and if you desaturate by 10%, it is **61, 16.473, 50.242**.

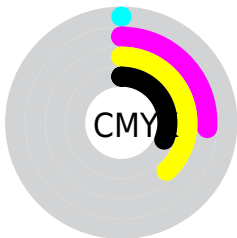
Distribution



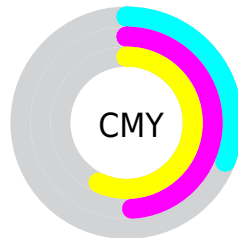
- Red (69%)
- Green (51%)
- Blue (43%)



- Red (69%)
- Yellow (54%)
- Blue (43%)



- Cyan (0%)
- Magenta (26%)
- Yellow (38%)
- Black (31%)



- Cyan (31%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 23.300, 49.783 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, 23.300, 49.783 by changing the saturation by 10% instead.

■ 58, 23.300, 49.783

■ 58, 23.300, 49.783

■ 100, 23.300,
49.783

■ 48, 23.300, 49.783

■ 78, 23.300, 49.783

■ 38, 23.300, 49.783

■ 88, 23.300, 49.783

■ 28, 23.300, 49.783

■ 98, 23.300, 49.783

■ 18, 23.300, 49.783

■ 8, 23.300, 49.783

■ 0, 23.300, 49.783

■ 58, 23.300, 49.783

■ 58, 23.300, 49.783

■ 55, 30.628, 49.440

■ 61, 16.473, 50.242

■ 51, 38.439, 49.206

■ 65, 10.133, 50.774

48, 46.638, 49.072

69, 4.246, 51.328

46, 54.981, 48.954

72, 1.232, 232.470

43, 62.907, 48.624

76, 6.342, 232.866

41, 69.554, 47.773

80, 11.128,
233.547

41, 71.104, 47.708

84, 15.629,
234.253

87, 19.879,
234.963

91, 21.559,
221.128

Harmonies

Complementary

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



58, 23.300, 49.783



62, 18.503, 236.055

Rectangle

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



58, 23.300, 49.783



58, 23.300, 99.783



58, 23.300, 229.783



58, 23.300, 279.783

Sweetspot

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



58, 23.299, 49.789



85, 7.591, 51.141



55, 36.002, 337.049



45, 5.167, 51.066



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



58, 23.299, 49.789



71, 35.421, 49.498



67, 29.386, 96.020



35, 3.117, 51.244



35, 63.289, 48.115



3, 6.474, 45.073

Inverse Universe

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



62, 18.503, 236.055



76, 26.517, 237.503



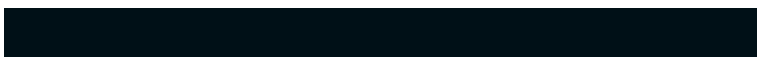
52, 30.776, 285.995



35, 2.969, 232.730



42, 32.945, 255.795



4, 6.463, 243.127

Previews

White Background



This preview shows how the CIELCh color 58, 23.300, 49.783 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, 23.300, 49.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

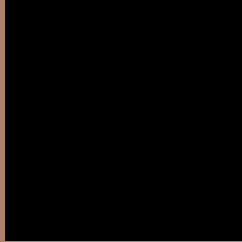
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 23.300, 49.783

Background



This preview shows how black text looks on a background with the CIELCh color 58, 23.300, 49.783.



This preview shows how white text looks on a background with the CIELCh color 58, 23.300, 49.783.

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, 23.300, 49.783

Protanopia

58, 14.629, 93.501

Deuteranopia

58, 19.818, 67.499



Tritanopia
58, 22.229, 7.364

Trichromacy



Original Color
58, 23.300, 49.783

Protanomaly
58, 16.420, 71.877

Deuteranomaly
58, 20.965, 60.390

Tritanomaly
58, 21.297, 21.725

Monochromacy



Original Color
58, 23.300, 49.783

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 7.953, 54.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 23.300, 49.783 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(175, 129, 109)` looks like.

```
.text, #text, p{  
    color:rgb(175, 129, 109)  
}
```

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(175, 129, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 129, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 23.300, 49.783 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(175, 129, 109) }
```

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

```
.border{ border-color:rgb(175, 129, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 129, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 129, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 129, 109);  
box-shadow:4px 4px 4px 4px rgb(175, 129,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 23.300, 49.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 129, 109) }
```

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

```
.background{ background-color: rgb(175,  
129, 109) }
```

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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