

Converting Colors

CIELCh(58, 23.019, 128.537)

Have a look what the booklet for
CIELCh(58, 23.019, 128.537)
contains.

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Color

CIELCh(58, 23.421, 128.325)

Conversions

Conversions Part 1

Format	Color
Hex	7E926B
RGB	126, 146, 107
RGB Percent	49%, 57%, 42%
CMY	0.5068, 0.4284, 0.5813
CMYK	0.14, 0.00, 0.27, 0.43
HSL	91°, 15%, 50%
HSV	91°, 27%, 57%
XYZ	21.4556, 25.9610, 17.7290
YIQ	135.5740, 0.5990, -16.3690

Conversions

Conversions Part 2

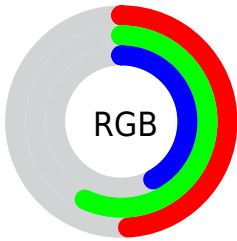
Format	Color
RYB	107, 146, 127
Decimal	8295019
CIELab	58.00, -14.52, 18.37
CIELCh	58, 23.421, 128.325
Yxy	25.9610, 0.3293, 0.3985
Android (android.graphics.Color)	4286485099 (0xFF7E926B)
YUV	135.5740, -14.0870, -8.3964
Hunter-Lab	50.9519, -14.0004, 15.0360

Details

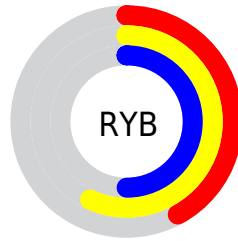
The CIELCh color **58, 23.421, 128.325** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **48, 24.254, 310.746**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 23.246, 128.573**, and **38, 23.353, 128.403** is the 20% darker color. If you saturate the color by 10%, you get **57, 32.054, 127.854**, and if you desaturate by 10%, it is **59, 14.677, 128.796**.

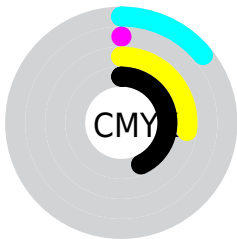
Distribution



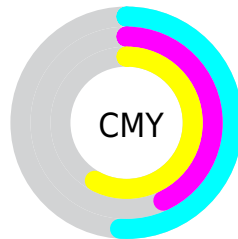
- Red (49%)
- Green (57%)
- Blue (42%)



- Red (42%)
- Yellow (57%)
- Blue (50%)



- Cyan (14%)
- Magenta (0%)
- Yellow (27%)
- Black (43%)





- Cyan (51%)
- Magenta (43%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 23.421, 128.325 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, 23.421, 128.325 by changing the saturation by 10% instead.


 58, 23.421,
128.325


 58, 23.421,
128.325


 100, 23.421,
128.325


 48, 23.421,
128.325


 78, 23.421,
128.325

 38, 23.421,
128.325

 88, 23.421,
128.325

 28, 23.421,
128.325

 98, 23.421,
128.325

 18, 23.421,
128.325

 8, 23.421, 128.325

 0, 23.421, 128.325

■ 58, 23.421,
128.325

■ 58, 23.421,
128.325

■ 57, 32.054,
127.854

■ 59, 14.677,
128.796

■ 56, 40.454,
127.405

■ 60, 5.901, 129.251

■ 56, 48.453,
127.027

■ 61, 2.846, 309.615

■ 55, 55.811,
126.789

■ 62, 11.523,
310.022

■ 55, 62.212,
126.791

■ 63, 20.100,
310.371

■ 54, 67.297,
127.153

■ 64, 28.554,
310.684


■ 54, 70.909,
127.920

■ 65, 36.872,
310.963

■ 54, 71.991,

■ 67, 45.044,
311.212

128.156

 68, 53.065,
311.433

Harmonies

Complementary

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



58, 23.421, 128.325



48, 24.254, 310.746

Rectangle

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



58, 23.421, 128.325



58, 23.421, 178.325



58, 23.421, 308.325



58, 23.421, 358.325

Sweetspot

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



58, 23.422, 128.327



76, 8.640, 129.187



54, 14.041, 72.190



39, 6.123, 129.124



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



58, 23.422, 128.327



73, 34.524, 128.047



57, 27.124, 142.686



31, 5.003, 129.139



51, 69.010, 128.071



2, 4.379, 129.518

Inverse Universe

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



48, 24.254, 310.746



59, 36.050, 311.048



50, 27.131, 325.852



29, 5.068, 309.901



21, 78.504, 312.466



1, 4.380, 309.516

Previews

White Background



This preview shows how the CIELCh color 58, 23.421, 128.325 looks on a white background.

Color Contrast Check

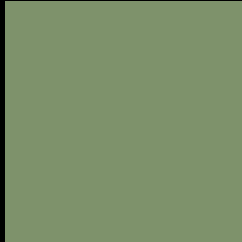
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.421, 128.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

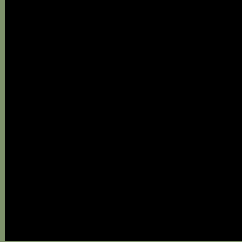
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

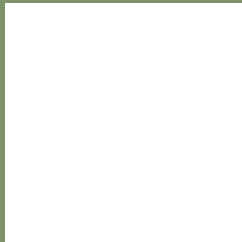
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 23.421, 128.325

Background



This preview shows how black text looks on a background with the CIELCh color 58, 23.421, 128.325.



This preview shows how white text looks on a background with the CIELCh color 58, 23.421, 128.325.

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](#).

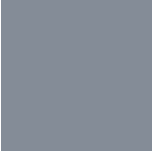
Dichromacy



Original Color
58, 23.421, 128.325

Protanopia
58, 20.202, 95.532

Deuteranopia
58, 19.071, 67.477



Tritanopia
58, 6.869, 265.172

Trichromacy



Original Color
58, 23.421, 128.325

Protanomaly
58, 20.239, 107.785

Deuteranomaly
58, 17.606, 92.682

Tritanomaly
58, 6.179, 158.833

Monochromacy



Original Color
58, 23.421, 128.325

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 8.456, 128.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 23.421, 128.325 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(126, 146, 107)` looks like.

```
.text, #text, p{  
    color:rgb(126, 146, 107)  
}
```

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(126, 146, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 146, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 23.421, 128.325 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(126, 146, 107) }
```

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

```
.border{ border-color:rgb(126, 146, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 146, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 146, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 146, 107);  
box-shadow:4px 4px 4px 4px rgb(126, 146,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 23.421, 128.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 146, 107) }
```

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

```
.background{ background-color: rgb(126,  
146, 107) }
```

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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