

Converting Colors

CIELCh(58, 25.319, 123.777)

Have a look what the booklet for
CIELCh(58, 25.319, 123.777)
contains.

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Color

CIELCh(58, 25.126, 123.866)

Conversions

Conversions Part 1

Format	Color
Hex	809166
RGB	128, 145, 102
RGB Percent	50%, 57%, 40%
CMY	0.4965, 0.4298, 0.5985
CMYK	0.12, 0.00, 0.30, 0.43
HSL	84°, 17%, 49%
HSV	84°, 30%, 57%
XYZ	21.5662, 25.9610, 16.5441
YIQ	135.0150, 3.6710, -16.9770

Conversions

Conversions Part 2

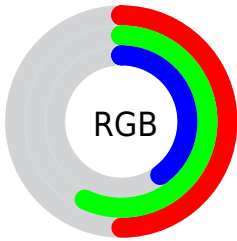
Format	Color
R_{YB}	102, 145, 119
Decimal	8425830
CIE _{Lab}	58.00, -14.00, 20.86
CIE _{LCh}	58, 25.126, 123.866
Yxy	25.9610, 0.3366, 0.4052
Android (android.graphics.Color)	4286615910 (0xFF809166)
YUV	135.0150, -16.2764, -6.1522
Hunter-Lab	50.9519, -13.6129, 16.4148

Details

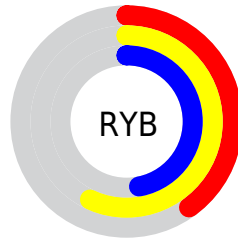
The CIELCh color $58, 25.126, 123.866$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $46, 26.406, 306.962$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 25.383, 124.016$, and $38, 25.214, 124.477$ is the 20% darker color. If you saturate the color by 10%, you get $57, 33.416, 123.373$, and if you desaturate by 10%, it is $59, 16.683, 124.377$.

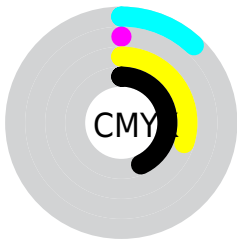
Distribution



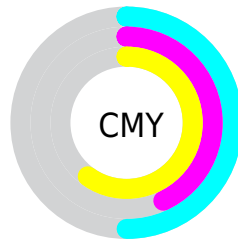
- Red (50%)
- Green (57%)
- Blue (40%)



- Red (40%)
- Yellow (57%)
- Blue (47%)



- Cyan (12%)
- Magenta (0%)
- Yellow (30%)
- Black (43%)




- Cyan (50%)
- Magenta (43%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 25.126, 123.866 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, 25.126, 123.866 by changing the saturation by 10% instead.

 58, 25.126,
123.866


 58, 25.126,
123.866

 100, 25.126,
123.866

 48, 25.126,
123.866

 78, 25.126,
123.866

 38, 25.126,
123.866

 88, 25.126,
123.866

 28, 25.126,
123.866

 98, 25.126,
123.866

 18, 25.126,
123.866

 8, 25.126, 123.866

 0, 25.126, 123.866

■ 58, 25.126,
123.866

■ 58, 25.126,
123.866

■ 57, 33.416,
123.373

■ 59, 16.683,
124.377

■ 57, 41.422,
122.925

■ 60, 8.167, 124.880

■ 56, 48.965,
122.577

■ 60, 0.358, 305.169

■ 61, 8.852, 305.794

■ 56, 55.785,
122.403

■ 62, 17.282,
306.216

■ 55, 61.551,
122.507

■ 63, 25.626,
306.603

■ 55, 65.914,
123.001


■ 64, 33.869,
306.958

■ 55, 69.046,
123.816

■ 65, 42.000,
307.281

■ 54, 69.174,

123.846

 67, 50.009,
307.574

Harmonies

Complementary

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



58, 25.126, 123.866



46, 26.406, 306.962

Rectangle

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



58, 25.126, 123.866



58, 25.126, 173.866



58, 25.126, 303.866



58, 25.126, 353.866

Sweetspot

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



58, 25.127, 123.868



76, 9.482, 124.900



52, 15.095, 59.132



39, 6.569, 124.835



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, 25.127, 123.868



73, 37.664, 123.511



57, 28.828, 139.564



31, 4.879, 124.899



52, 66.444, 123.767



2, 4.276, 125.331

Inverse Universe

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



46, 26.406, 306.962



56, 40.129, 307.426



49, 29.029, 322.604



29, 4.957, 305.778



18, 80.439, 310.039



0, 4.277, 305.329

Previews

White Background



This preview shows how the CIE LCh color 58, 25.126, 123.866 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, 25.126, 123.866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

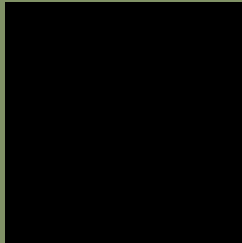
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 25.126, 123.866

Background



This preview shows how black text looks on a background with the CIELCh color 58, 25.126, 123.866.



This preview shows how white text looks on a background with the CIELCh color 58, 25.126, 123.866.

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

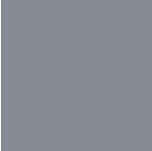
58, 25.126, 123.866

Protanopia

58, 22.480, 95.298

Deuteranopia

58, 21.052, 68.374



Tritanopia
58, 6.409, 277.345

Trichromacy



Original Color
58, 25.126, 123.866

Protanomaly
58, 22.454, 106.425

Deuteranomaly
58, 20.019, 91.620

Tritanomaly
58, 5.553, 144.164

Monochromacy



Original Color
58, 25.126, 123.866

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 9.415, 124.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 25.126, 123.866 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(128, 145, 102)` looks like.

```
.text, #text, p{  
    color:rgb(128, 145, 102)  
}
```

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(128, 145, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 145, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 25.126, 123.866 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(128, 145, 102) }
```

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

```
.border{ border-color:rgb(128, 145, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 145, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 145, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 145, 102);  
box-shadow:4px 4px 4px 4px rgb(128, 145,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 25.126, 123.866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 145, 102) }
```

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

```
.background{ background-color: rgb(128,  
145, 102) }
```

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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