

Converting Colors

CIELCh(59, 17.217, 122.838)

Have a look what the booklet for
CIELCh(59, 17.217, 122.838)
contains.

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Color

CIELCh(59, 17.455, 123.239)

Conversions

Conversions Part 1

Format	Color
Hex	879274
RGB	135, 146, 116
RGB Percent	53%, 57%, 45%
CMY	0.4700, 0.4269, 0.5446
CMYK	0.08, 0.00, 0.21, 0.43
HSL	82°, 12%, 51%
HSV	82°, 21%, 57%
XYZ	23.4750, 27.0277, 20.5441
YIQ	139.2910, 3.0740, -11.6620

Conversions

Conversions Part 2

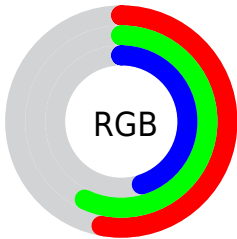
Format	Color
R_{YB}	116, 146, 127
Decimal	8884852
CIE _{Lab}	59.00, -9.57, 14.60
CIE _{LCh}	59, 17.455, 123.239
Y _{xy}	27.0277, 0.3304, 0.3804
Android (android.graphics.Color)	4287074932 (0xFF879274)
Y _{UV}	139.2910, -11.4825, -3.7632
Hunter-Lab	51.9882, -10.3786, 12.9622

Details

The CIELCh color $59, 17.455, 123.239$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $51, 18.080, 305.413$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 17.606, 123.773$, and $39, 17.615, 123.859$ is the 20% darker color. If you saturate the color by 10%, you get $58, 25.869, 122.717$, and if you desaturate by 10%, it is $60, 8.961, 123.764$.

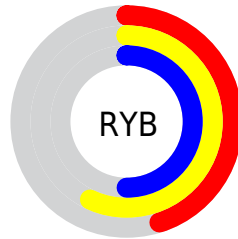
Distribution



Red (53%)

Green (57%)

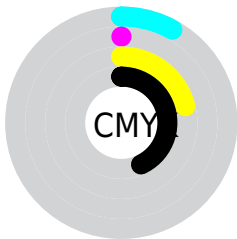
Blue (45%)



Red (45%)

Yellow (57%)

Blue (50%)

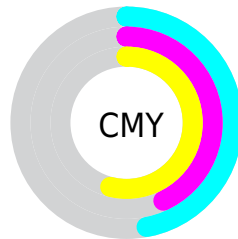


Cyan (8%)

Magenta (0%)

Yellow (21%)

Black (43%)



Cyan (47%)


Magenta (43%)


Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 17.455, 123.239 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 59, 17.455, 123.239 by changing the saturation by 10% instead.


 59, 17.455,
123.239


 59, 17.455,
123.239


 100, 17.455,
123.239


 49, 17.455,
123.239


 79, 17.455,
123.239

 39, 17.455,
123.239

 89, 17.455,
123.239

 29, 17.455,
123.239

 99, 17.455,
123.239

 19, 17.455,
123.239

 9, 17.455, 123.239

 0, 17.455, 123.239

■ 59, 17.455,
123.239

■ 59, 17.455,
123.239

■ 58, 25.869,
122.717

■ 60, 8.961, 123.764

■ 58, 34.111,
122.211

■ 61, 0.445, 124.386

■ 61, 8.047, 304.724

■ 57, 42.052,
121.757

■ 62, 16.486,
305.170

■ 57, 49.502,
121.410

■ 63, 24.847,
305.582

■ 56, 56.194,
121.247

■ 64, 33.114,
305.960

■ 56, 61.788,
121.370


■ 65, 41.275,
306.306

■ 55, 65.939,
121.888

■ 66, 49.323,
306.622

■ 55, 68.797,

122.649

 68, 57.250,
306.910

Harmonies

Complementary

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



59, 17.455, 123.239



51, 18.080, 305.413

Rectangle

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



59, 17.455, 123.239



59, 17.455, 173.239



59, 17.455, 303.239



59, 17.455, 353.239

Sweetspot

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



59, 17.457, 123.242



77, 6.353, 123.991



55, 10.196, 57.998



41, 4.248, 123.962



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



59, 17.457, 123.242



75, 26.432, 122.979



58, 19.977, 139.703



31, 4.853, 123.832



52, 65.838, 122.564



2, 4.255, 124.283

Inverse Universe

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



51, 18.080, 305.413



63, 27.630, 305.730



52, 20.100, 321.696



29, 4.933, 304.751



18, 80.892, 309.547



0, 4.256, 304.281

Previews

White Background



This preview shows how the CIE LCh color 59, 17.455, 123.239 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 59, 17.455, 123.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

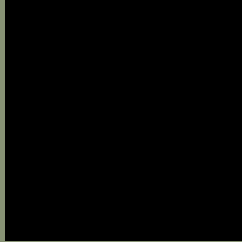
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

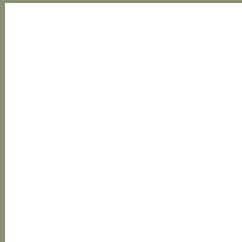
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 17.455, 123.239

Background



This preview shows how black text looks on a background with the CIELCh color 59, 17.455, 123.239.



This preview shows how white text looks on a background with the CIELCh color 59, 17.455, 123.239.

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


59, 17.455, 123.239

Protanopia

59, 16.112, 96.271

Deuteranopia

59, 15.733, 60.137



Tritanopia
59, 6.246, 287.441

Trichromacy



Original Color
59, 17.455, 123.239

Protanomaly
59, 16.284, 106.819

Deuteranomaly
59, 14.271, 84.311

Tritanomaly
59, 3.002, 150.397

Monochromacy



Original Color
59, 17.455, 123.239

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 6.432, 123.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 17.455, 123.239 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(135, 146, 116)` looks like.

```
.text, #text, p{  
    color:rgb(135, 146, 116)  
}
```

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(135, 146, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 146, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 17.455, 123.239 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(135, 146, 116) }
```

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

```
.border{ border-color:rgb(135, 146, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 146, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 146, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 146, 116);  
box-shadow:4px 4px 4px 4px rgb(135, 146,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 17.455, 123.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 146, 116) }
```

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

```
.background{ background-color: rgb(135,  
146, 116) }
```

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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