

Converting Colors

CIELCh(59, 16.579, 143.489)

Have a look what the booklet for
CIELCh(59, 16.579, 143.489)
contains.

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Color

CIELCh(59, 16.624, 143.473)

Conversions

Conversions Part 1

Format	Color
Hex	7C947C
RGB	124, 148, 124
RGB Percent	49%, 58%, 49%
CMY	0.5127, 0.4186, 0.5127
CMYK	0.16, 0.00, 0.16, 0.42
HSL	120°, 10%, 53%
HSV	120°, 16%, 58%
XYZ	22.6342, 27.0277, 23.1769
YIQ	138.0880, -6.6000, -12.5520

Conversions

Conversions Part 2

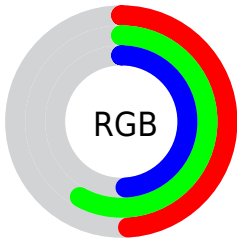
Format	Color
RYB	124, 148, 148
Decimal	8164476
CIELab	59.00, -13.36, 9.89
CIElCh	59, 16.624, 143.473
Yxy	27.0277, 0.3107, 0.3711
Android (android.graphics.Color)	4286354556 (0xFF7C947C)
YUV	138.0880, -6.9454, -12.3552
Hunter-Lab	51.9882, -13.2655, 9.9597

Details

The CIELCh color $59, 16.624, 143.473$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $55, 16.641, 325.291$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 16.322, 143.714$, and $39, 16.459, 143.077$ is the 20% darker color. If you saturate the color by 10%, you get $58, 26.935, 142.726$, and if you desaturate by 10%, it is $60, 6.320, 144.128$.

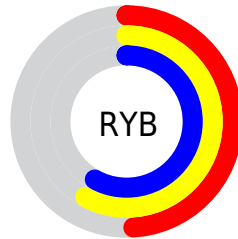
Distribution



Red (49%)

Green (58%)

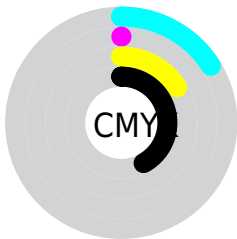
Blue (49%)



Red (49%)

Yellow (58%)

Blue (58%)

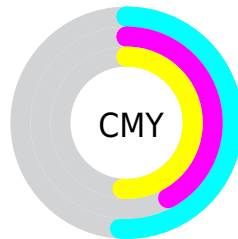


Cyan (16%)

Magenta (0%)

Yellow (16%)

Black (42%)



Cyan (51%)


Magenta (42%)


Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 16.624, 143.473 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, 16.624, 143.473 by changing the saturation by 10% instead.


 59, 16.624,
143.473


 59, 16.624,
143.473


 100, 16.624,
143.473


 49, 16.624,
143.473


 79, 16.624,
143.473

 39, 16.624,
143.473

 89, 16.624,
143.473

 29, 16.624,
143.473

 99, 16.624,
143.473

 19, 16.624,
143.473

 9, 16.624, 143.473

 0, 16.624, 143.473

■ 59, 16.624,
143.473

■ 59, 16.624,
143.473

■ 58, 26.935,
142.726

■ 60, 6.320, 144.128

■ 57, 37.081,
141.865

■ 62, 3.861, 324.581

■ 56, 46.848,
140.891

■ 64, 13.832,
325.078

■ 55, 55.962,
139.823

■ 66, 23.539,
325.472

■ 54, 64.091,
138.713

■ 68, 32.951,
325.805

■ 54, 70.853,
137.657

■ 70, 42.053,
326.087

■ 53, 75.858,
136.787


■ 72, 50.843,
326.329

■ 53, 78.938,

■ 74, 59.327,
326.536

136.211

 76, 66.050,
326.685

 53, 79.942,
136.016

Harmonies

Complementary

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



59, 16.624, 143.473



55, 16.641, 325.291

Rectangle

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



59, 16.624, 143.473



59, 16.624, 193.473



59, 16.624, 323.473



59, 16.624, 13.473

Sweetspot

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



59, 16.625, 143.473



77, 6.340, 144.199



61, 13.209, 107.966



40, 4.316, 144.158



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, 16.625, 143.473



75, 24.291, 143.246



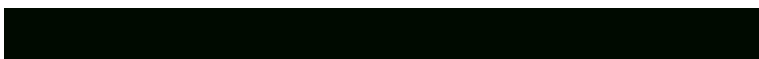
59, 11.688, 161.448



31, 5.766, 143.937



50, 75.751, 136.016



2, 5.022, 144.442

Inverse Universe

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



55, 16.641, 325.291



69, 24.310, 325.464



55, 11.905, 344.075



29, 5.775, 324.909



32, 73.088, 328.231



1, 5.023, 324.437

Previews

White Background



This preview shows how the CIELCh color 59, 16.624, 143.473 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 59, 16.624, 143.473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

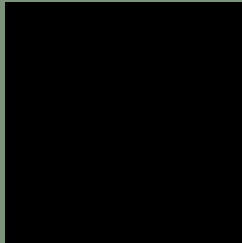
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 16.624, 143.473

Background



This preview shows how black text looks on a background with the CIELCh color 59, 16.624, 143.473.



This preview shows how white text looks on a background with the CIELCh color 59, 16.624, 143.473.

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, 16.624, 143.473

Protanopia
59, 11.757, 92.489

Deuteranopia
59, 11.455, 49.566



Tritanopia
59, 8.200, 248.758

Trichromacy



Original Color
59, 16.624, 143.473

Protanomaly
59, 12.497, 116.251

Deuteranomaly
59, 8.930, 90.501

Tritanomaly
59, 7.288, 189.792

Monochromacy



Original Color
59, 16.624, 143.473

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 6.243, 144.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 16.624, 143.473 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(124, 148, 124)` looks like.

```
.text, #text, p{  
    color:rgb(124, 148, 124)  
}
```

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(124, 148, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 148, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 16.624, 143.473 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(124, 148, 124) }
```

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

```
.border{ border-color:rgb(124, 148, 124) }
```

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

Here you see how a box with a 4 pixel rgb(124, 148, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 148, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 148, 124);  
box-shadow:4px 4px 4px 4px rgb(124, 148,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 16.624, 143.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 148, 124) }
```

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

```
.background{ background-color: rgb(124,  
148, 124) }
```

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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