

Converting Colors

CIELCh(59, 23.959, 124.701)

Have a look what the booklet for
CIELCh(59, 23.959, 124.701)
contains.

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Color

CIELCh(59, 23.987, 124.692)

Conversions

Conversions Part 1

Format	Color
Hex	83946B
RGB	131, 148, 107
RGB Percent	51%, 58%, 42%
CMY	0.4866, 0.4200, 0.5807
CMYK	0.11, 0.00, 0.28, 0.42
HSL	85°, 16%, 50%
HSV	85°, 28%, 58%
XYZ	22.5699, 27.0277, 17.9125
YIQ	138.2430, 3.0290, -16.3550

Conversions

Conversions Part 2

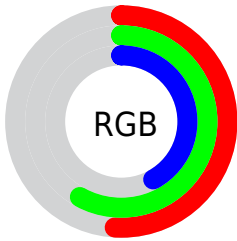
Format	Color
RYB	107, 148, 124
Decimal	8623211
CIELab	59.00, -13.65, 19.72
CIElCh	59, 23.987, 124.692
Yxy	27.0277, 0.3343, 0.4004
Android (android.graphics.Color)	4286813291 (0xFF83946B)
YUV	138.2430, -15.4028, -6.3521
Hunter-Lab	51.9882, -13.4863, 15.9635

Details

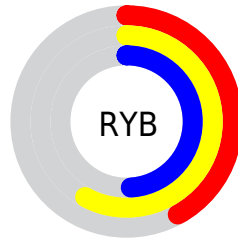
The CIELCh color $59, 23.987, 124.692$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $48, 25.085, 307.502$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 23.809, 125.136$, and $39, 23.892, 124.455$ is the 20% darker color. If you saturate the color by 10%, you get $58, 32.472, 124.202$, and if you desaturate by 10%, it is $60, 15.367, 125.194$.

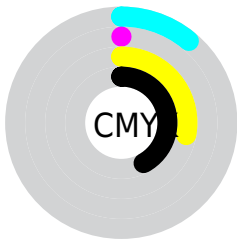
Distribution



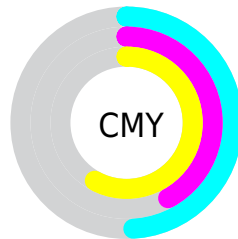
- Red (51%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (49%)



- Cyan (11%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)





- Cyan (49%)
- Magenta (42%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 23.987, 124.692 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, 23.987, 124.692 by changing the saturation by 10% instead.


 59, 23.987,
124.692


 59, 23.987,
124.692


 100, 23.987,
124.692


 49, 23.987,
124.692


 79, 23.987,
124.692

 39, 23.987,
124.692

 89, 23.987,
124.692

 29, 23.987,
124.692

 99, 23.987,
124.692

 19, 23.987,
124.692

 9, 23.987, 124.692

 0, 23.987, 124.692

■ 59, 23.987,
124.692

■ 59, 23.987,
124.692

■ 58, 32.472,
124.202

■ 60, 15.367,
125.194

■ 58, 40.699,
123.749

■ 61, 6.690, 125.686

■ 57, 48.494,
123.383

■ 61, 1.984, 306.102

■ 57, 55.611,
123.176

■ 62, 10.615,
306.564

■ 56, 61.722,
123.228

■ 63, 19.171,
306.967

■ 56, 66.468,
123.655

■ 64, 27.633,
307.336


■ 55, 69.783,
124.473

■ 66, 35.984,
307.672

■ 55, 70.498,

■ 67, 44.214,
307.976

124.652

 68, 52.315,
308.252

Harmonies

Complementary

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



59, 23.987, 124.692



48, 25.085, 307.502

Rectangle

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



59, 23.987, 124.692



59, 23.987, 174.692



59, 23.987, 304.692



59, 23.987, 354.692

Sweetspot

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



59, 23.988, 124.694



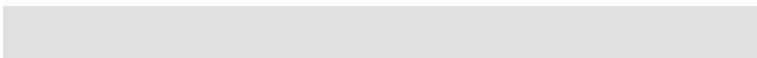
77, 8.552, 125.664



54, 14.280, 61.165



40, 6.127, 125.596



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, 23.988, 124.694



74, 35.123, 124.399



58, 27.539, 140.125



31, 4.897, 125.613



52, 66.862, 124.547



2, 4.292, 126.034

Inverse Universe

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



48, 25.085, 307.502



58, 37.126, 307.868



50, 27.694, 323.015



29, 4.973, 306.468



19, 80.125, 310.395



0, 4.293, 306.033

Previews

White Background



This preview shows how the CIELCh color 59, 23.987, 124.692 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, 23.987, 124.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

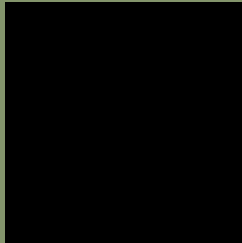
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 23.987, 124.692

Background



This preview shows how black text looks on a background with the CIELCh color 59, 23.987, 124.692.



This preview shows how white text looks on a background with the CIELCh color 59, 23.987, 124.692.

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](#).

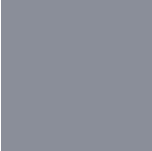
Dichromacy



Original Color
59, 23.987, 124.692

Protanopia
59, 21.760, 96.266

Deuteranopia
59, 20.203, 68.469



Tritanopia
59, 6.384, 277.322

Trichromacy



Original Color
59, 23.987, 124.692

Protanomaly
59, 21.822, 107.635

Deuteranomaly
59, 18.890, 90.919

Tritanomaly
59, 5.766, 147.287

Monochromacy



Original Color
59, 23.987, 124.692

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 8.958, 127.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 23.987, 124.692 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(131, 148, 107)` looks like.

```
.text, #text, p{  
    color:rgb(131, 148, 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(131, 148, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 148, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 23.987, 124.692 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(131, 148, 107) }
```

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

```
.border{ border-color:rgb(131, 148, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 148, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 148, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 148, 107); box-shadow:4px 4px 4px 4px rgb(131, 148, 107) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 23.987, 124.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 148, 107) }
```

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

```
.background{ background-color: rgb(131,  
148, 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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