

Converting Colors

CIELCh(59, 42.848, 107.958)

Have a look what the booklet for
CIELCh(59, 42.848, 107.958)
contains.

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Color

CIELCh(59, 42.787, 108.248)

Conversions

Conversions Part 1

Format	Color
Hex	8E9344
RGB	142, 147, 68
RGB Percent	56%, 58%, 27%
CMY	0.4432, 0.4236, 0.7334
CMYK	0.03, 0.00, 0.54, 0.42
HSL	64°, 37%, 42%
HSV	64°, 54%, 58%
XYZ	22.6256, 27.0277, 9.4902
YIQ	136.4990, 22.3790, -25.6290

Conversions

Conversions Part 2

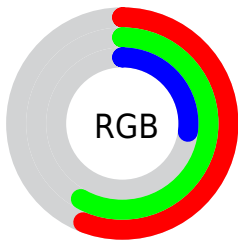
Format	Color
R_{YB}	68, 147, 73
Decimal	9343812
CIE _{Lab}	59.00, -13.40, 40.64
CIE _{LCh}	59, 42.787, 108.248
Yxy	27.0277, 0.3826, 0.4570
Android (android.graphics.Color)	4287533892 (0xFF8E9344)
YUV	136.4990, -33.7700, 4.8244
Hunter-Lab	51.9882, -13.2950, 25.5687

Details

The CIELCh color $59, 42.787, 108.248$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $33, 49.494, 299.486$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 42.646, 108.503$, and $39, 42.843, 108.217$ is the 20% darker color. If you saturate the color by 10%, you get $59, 49.593, 107.590$, and if you desaturate by 10%, it is $59, 35.370, 109.006$.

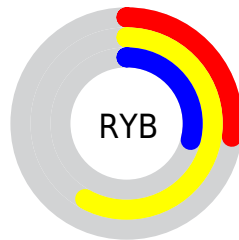
Distribution



Red (56%)

Green (58%)

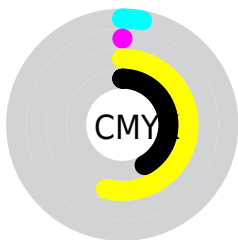
Blue (27%)



Red (27%)

Yellow (58%)

Blue (29%)

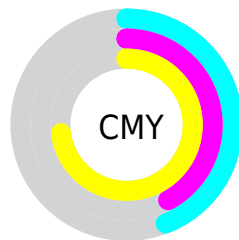


Cyan (3%)

Magenta (0%)

Yellow (54%)

Black (42%)



Cyan (44%)

Magenta (42%)


Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 42.787, 108.248 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, 42.787, 108.248 by changing the saturation by 10% instead.


 59, 42.787,
108.248

 59, 42.787,
108.248


 100, 42.787,
108.248

 49, 42.787,
108.248


 79, 42.787,
108.248

 39, 42.787,
108.248

 89, 42.787,
108.248

 29, 42.787,
108.248

 99, 42.787,
108.248

 19, 42.787,
108.248

 9, 42.787, 108.248

 0, 42.787, 108.248

■ 59, 42.787,
108.248

■ 59, 42.787,
108.248

■ 59, 49.593,
107.590

■ 59, 35.370,
109.006

■ 59, 55.474,
107.071

■ 60, 27.564,
109.820

■ 58, 60.061,
106.749

■ 60, 19.521,
110.662

■ 58, 63.040,
106.670

■ 60, 11.342,
111.512

■ 58, 64.460,
106.683

■ 61, 3.093, 112.348

■ 61, 5.183, 293.190

■ 62, 13.456,
293.984

■ 62, 21.704,
294.749

■ 63, 29.911,
295.479

Harmonies

Complementary

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



59, 42.787, 108.248



33, 49.494, 299.486

Rectangle

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



59, 42.787, 108.248



59, 42.787, 158.248



59, 42.787, 288.248



59, 42.787, 338.248

Sweetspot

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



59, 42.788, 108.250



77, 16.350, 111.293



40, 35.539, 28.733



41, 11.119, 111.136



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, 42.788, 108.250



75, 61.434, 107.497



56, 46.905, 128.405



31, 4.688, 111.895



55, 61.467, 106.661



3, 4.119, 112.669

Inverse Universe

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



33, 49.494, 299.486



37, 74.348, 301.577



37, 50.179, 313.252



29, 4.787, 293.494



15, 84.263, 306.553



0, 4.120, 292.670

Previews

White Background



This preview shows how the CIELCh color 59, 42.787, 108.248 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, 42.787, 108.248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

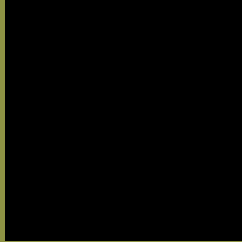
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 42.787, 108.248

Background



This preview shows how black text looks on a background with the CIELCh color 59, 42.787, 108.248.



This preview shows how white text looks on a background with the CIELCh color 59, 42.787, 108.248.

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, 42.787, 108.248

Protanopia

59, 42.048, 95.901

Deuteranopia

59, 40.535, 78.806



Tritanopia
59, 8.046, 329.440

Trichromacy



Original Color
59, 42.787, 108.248

Protanomaly
59, 42.020, 100.321

Deuteranomaly
59, 39.743, 89.570

Tritanomaly
59, 12.193, 95.018

Monochromacy



Original Color
59, 42.787, 108.248

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 16.390, 111.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 42.787, 108.248 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(142, 147, 68)` looks like.

```
.text, #text, p{  
    color:rgb(142, 147, 68)  
}
```

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(142, 147, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 147, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 42.787, 108.248 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(142, 147, 68) }
```

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

```
.border{ border-color:rgb(142, 147, 68) }
```

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

Here you see how a box with a 4 pixel rgb(142, 147, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 147, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 147, 68);  
box-shadow:4px 4px 4px 4px rgb(142, 147,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 42.787, 108.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 147, 68) }
```

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

```
.background{ background-color: rgb(142,  
147, 68) }
```

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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