

Converting Colors

CIELCh(59, 60.605, 102.665)

Have a look what the booklet for
CIELCh(59, 60.605, 102.665)
contains.

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Color

CIELCh(59, 60.540, 102.342)

Conversions

Conversions Part 1

Format	Color
Hex	949214
RGB	148, 146, 20
RGB Percent	58%, 57%, 8%
CMY	0.4184, 0.4263, 0.9198
CMYK	0.00, 0.01, 0.86, 0.42
HSL	59°, 76%, 33%
HSV	59°, 86%, 58%
XYZ	22.7260, 27.0277, 4.7023
YIQ	132.2340, 41.6380, -38.7620

Conversions

Conversions Part 2

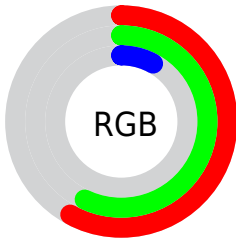
Format	Color
R _Y B	22, 148, 20
Decimal	9736724
CIE Lab	59.00, -12.94, 59.14
CIE LCh	59, 60.540, 102.342
Yxy	27.0277, 0.4173, 0.4963
Android (android.graphics.Color)	4287926804 (0xFF949214)
YUV	132.2340, -55.3314, 13.8268
Hunter-Lab	51.9882, -12.9503, 31.0290

Details

The CIELCh color **59, 60.540, 102.342** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **20, 80.291, 304.245**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 60.758, 102.574**, and **39, 47.430, 104.668** is the 20% darker color. If you saturate the color by 10%, you get **59, 63.115, 101.992**, and if you desaturate by 10%, it is **59, 56.362, 102.860**.

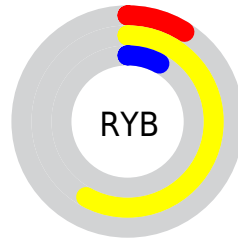
Distribution



Red (58%)

Green (57%)

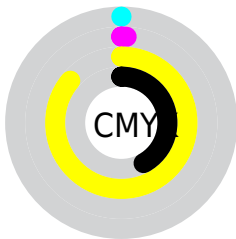
Blue (8%)



Red (9%)

Yellow (58%)

Blue (8%)

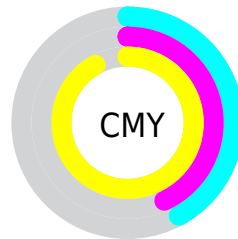


Cyan (0%)

Magenta (1%)

Yellow (86%)

Black (42%)



Cyan (42%)


Magenta (43%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 60.540, 102.342 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, 60.540, 102.342 by changing the saturation by 10% instead.


 59, 60.540,
102.342


 59, 60.540,
102.342


 100, 60.540,
102.342

 49, 60.540,
102.342


 79, 60.540,
102.342

 39, 60.540,
102.342

 89, 60.540,
102.342

 29, 60.540,
102.342

 99, 60.540,
102.342

 19, 60.540,
102.342

 9, 60.540, 102.342

 0, 60.540, 102.342

■ 59, 60.540,
102.342

■ 59, 60.540,
102.342

■ 59, 63.115,
101.992

■ 59, 56.362,
102.860

■ 59, 63.955,
101.873

■ 59, 50.788,
103.526

■ 60, 44.202,
104.309

■ 60, 36.943,
105.176

■ 60, 29.259,
106.096

■ 60, 21.319,
107.044

■ 61, 13.233,
108.002

■ 61, 5.072, 108.950

Harmonies

Complementary

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



59, 60.540, 102.342



20, 80.291, 304.245

Rectangle

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



59, 60.540, 102.342



59, 60.540, 152.342



59, 60.540, 282.342



59, 60.540, 332.342

Sweetspot

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



59, 60.540, 102.344



77, 26.302, 107.012



32, 61.113, 34.482



40, 17.747, 106.716



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, 60.540, 102.344



75, 77.907, 101.853



55, 67.366, 126.116



31, 4.608, 108.669



55, 60.590, 101.880



3, 4.047, 109.545

Inverse Universe

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



20, 80.291, 304.245



24, 108.141, 306.108



25, 76.850, 312.122



29, 4.703, 290.482



15, 83.798, 306.017



0, 4.048, 289.546

Previews

White Background



This preview shows how the CIELCh color 59, 60.540, 102.342 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, 60.540, 102.342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

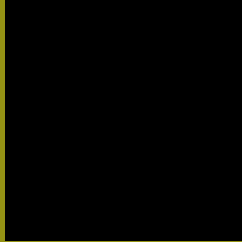
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 60.540, 102.342

Background



This preview shows how black text looks on a background with the CIELCh color 59, 60.540, 102.342.



This preview shows how white text looks on a background with the CIELCh color 59, 60.540, 102.342.

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, 60.540, 102.342

Protanopia

59, 60.032, 95.108

Deuteranopia

59, 58.478, 82.692



Tritanopia
59, 10.641, 344.782

Trichromacy



Original Color
59, 60.540, 102.342

Protanomaly
59, 60.123, 97.869

Deuteranomaly
59, 58.324, 89.862

Tritanomaly
59, 22.783, 92.103

Monochromacy



Original Color
59, 60.540, 102.342

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 25.835, 106.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 60.540, 102.342 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(148, 146, 20)` looks like.

```
.text, #text, p{  
    color:rgb(148, 146, 20)  
}
```

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(148, 146, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 146, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 60.540, 102.342 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(148, 146, 20) }
```

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

```
.border{ border-color:rgb(148, 146, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 146, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 146, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 146, 20);  
box-shadow:4px 4px 4px 4px rgb(148, 146,  
20) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 60.540, 102.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 146, 20) }
```

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

```
.background{ background-color: rgb(148,  
146, 20) }
```

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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