

Converting Colors

CIELCh(59, 52.034, 113.935)

Have a look what the booklet for
CIELCh(59, 52.034, 113.935)
contains.

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Color

CIELCh(59, 51.689, 113.864)

Conversions

Conversions Part 1

Format	Color
Hex	839635
RGB	131, 150, 53
RGB Percent	51%, 59%, 21%
CMY	0.4850, 0.4105, 0.7909
CMYK	0.13, 0.00, 0.65, 0.41
HSL	72°, 48%, 40%
HSV	72°, 65%, 59%
XYZ	21.0194, 27.0277, 7.5154
YIQ	133.2610, 19.8130, -34.1950

Conversions

Conversions Part 2

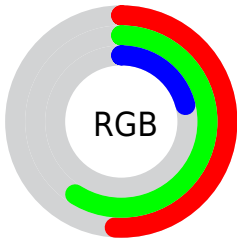
Format	Color
RYB	53, 150, 72
Decimal	8623669
CIELab	59.00, -20.91, 47.27
CIELCh	59, 51.689, 113.864
Yxy	27.0277, 0.3783, 0.4864
Android (android.graphics.Color)	4286813749 (0xFF839635)
YUV	133.2610, -39.5687, -1.9829
Hunter-Lab	51.9882, -18.8100, 27.8208

Details

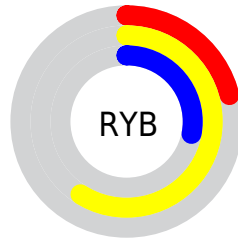
The CIELCh color **59, 51.689, 113.864** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **30, 61.262, 304.282**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 51.804, 113.841**, and **39, 49.695, 114.700** is the 20% darker color. If you saturate the color by 10%, you get **59, 57.739, 113.617**, and if you desaturate by 10%, it is **59, 44.691, 114.309**.

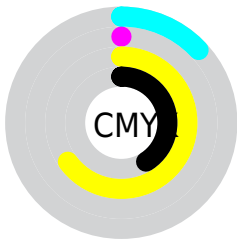
Distribution



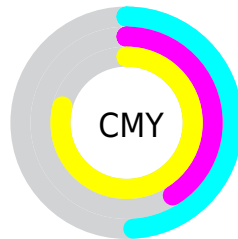
- Red (51%)
- Green (59%)
- Blue (21%)



- Red (21%)
- Yellow (59%)
- Blue (28%)



- Cyan (13%)
- Magenta (0%)
- Yellow (65%)
- Black (41%)




- Cyan (49%)
- Magenta (41%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 51.689, 113.864 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, 51.689, 113.864 by changing the saturation by 10% instead.


 59, 51.689,
113.864

 59, 51.689,
113.864


 100, 51.689,
113.864


 49, 51.689,
113.864


 79, 51.689,
113.864

 39, 51.689,
113.864

 89, 51.689,
113.864

 29, 51.689,
113.864

 99, 51.689,
113.864

 19, 51.689,
113.864

 9, 51.689, 113.864

 0, 51.689, 113.864

■ 59, 51.689,
113.864

■ 59, 51.689,
113.864

■ 59, 57.739,
113.617

■ 59, 44.691,
114.309

■ 58, 62.464,
113.648

■ 60, 37.060,
114.875

■ 58, 65.569,
114.033

■ 60, 29.027,
115.513

■ 58, 66.937,
114.303

■ 61, 20.749,
116.184

■ 61, 12.332,
116.864

■ 62, 3.847, 117.536

■ 63, 4.660, 298.184

■ 63, 13.153,
298.808

■ 64, 21.608,
299.400

Harmonies

Complementary

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



59, 51.689, 113.864



30, 61.262, 304.282

Rectangle

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



59, 51.689, 113.864



59, 51.689, 163.864



59, 51.689, 293.864



59, 51.689, 343.864

Sweetspot

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



59, 51.690, 113.866



78, 20.020, 116.534



40, 41.162, 39.506



41, 13.874, 116.353



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 51.690, 113.866



75, 72.892, 113.591



56, 58.442, 132.120



31, 4.734, 117.225



53, 62.769, 114.221



2, 4.157, 117.831

Inverse Universe

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



30, 61.262, 304.282



33, 90.850, 305.919



36, 61.195, 317.654



29, 4.829, 298.473



16, 83.198, 307.387



0, 4.158, 297.831

Previews

White Background



This preview shows how the CIELCh color 59, 51.689, 113.864 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, 51.689, 113.864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

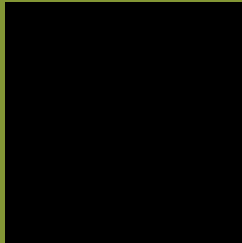
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 51.689, 113.864

Background



This preview shows how black text looks on a background with the CIELCh color 59, 51.689, 113.864.



This preview shows how white text looks on a background with the CIELCh color 59, 51.689, 113.864.

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, 51.689, 113.864

Protanopia

59, 49.044, 95.772

Deuteranopia

59, 46.762, 80.887



Tritanopia
59, 6.257, 294.361

Trichromacy



Original Color
59, 51.689, 113.864

Protanomaly
59, 49.255, 102.852

Deuteranomaly
59, 46.677, 93.899

Tritanomaly
59, 15.946, 117.287

Monochromacy



Original Color
59, 51.689, 113.864

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 19.957, 116.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 51.689, 113.864 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, 150, 53)` looks like.

```
.text, #text, p{  
    color:rgb(131, 150, 53)  
}
```

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, 150, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 150, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 51.689, 113.864 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, 150, 53) }
```

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

```
.border{ border-color:rgb(131, 150, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 150, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 150, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 150, 53);  
box-shadow:4px 4px 4px 4px rgb(131, 150,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 51.689, 113.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 150, 53) }
```

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

```
.background{ background-color: rgb(131,  
150, 53) }
```

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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