

Converting Colors

CIELCh(55, 73.822, 101.579)

Have a look what the booklet for
CIELCh(55, 73.822, 101.579)
contains.

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Color

CIELCh(55, 61.067, 103.294)

Conversions

Conversions Part 1

Format	Color
Hex	878800
RGB	135, 136, 0
RGB Percent	53%, 53%, 0%
CMY	0.4689, 0.4648, 1.0000
CMYK	0.01, 0.00, 1.00, 0.46
HSL	60°, 100%, 27%
HSV	60°, 100%, 54%
XYZ	18.9296, 22.9298, 3.4005
YIQ	120.1970, 43.0600, -42.5080

Conversions

Conversions Part 2

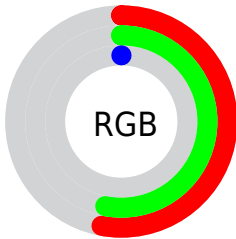
Format	Color
RYB	0, 136, 1
Decimal	8882176
CIELab	55.00, -14.04, 59.43
CIELCh	55, 61.067, 103.294
Yxy	22.9298, 0.4182, 0.5066
Android (android.graphics.Color)	4287072256 (0xFF878800)
YUV	120.1970, -59.2571, 12.9822
Hunter-Lab	47.8851, -13.2355, 29.3092

Details

The CIELCh color **55, 61.067, 103.294** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **14, 84.042, 306.320**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 60.801, 103.130**, and **35, 44.403, 106.785** is the 20% darker color. If you saturate the color by 10%, you get **55, 60.901, 103.316**, and if you desaturate by 10%, it is **55, 58.565, 103.549**.

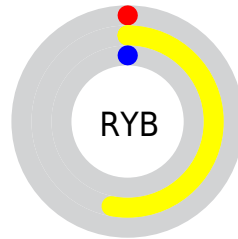
Distribution



Red (53%)

Green (53%)

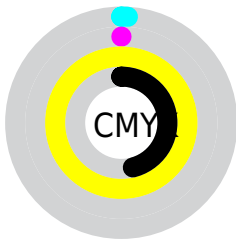
Blue (0%)



Red (0%)

Yellow (53%)

Blue (0%)

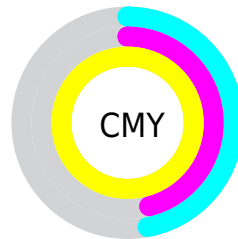


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (46%)



Cyan (47%)


Magenta (46%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 61.067, 103.294 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 55, 61.067, 103.294 by changing the saturation by 10% instead.


 55, 61.067,
103.294


 55, 61.067,
103.294


 100, 61.067,
103.294


 45, 61.067,
103.294


 75, 61.067,
103.294

 35, 61.067,
103.294

 85, 61.067,
103.294

 25, 61.067,
103.294

 95, 61.067,
103.294

 15, 61.067,
103.294

 5, 61.067, 103.294

 0, 61.067, 103.294

■ 55, 61.067,
103.294

■ 55, 61.067,
103.294

■ 55, 60.901,
103.316

■ 55, 58.565,
103.549

■ 55, 55.115,
103.919

■ 55, 50.261,
104.466

■ 55, 44.339,
105.155

■ 55, 37.678,
105.948

■ 56, 30.537,
106.810

■ 56, 23.096,
107.713

■ 56, 15.478,

108.635

■ 57, 7.759, 109.558

Harmonies

Complementary

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



55, 61.067, 103.294



14, 84.042, 306.320

Rectangle

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



55, 61.067, 103.294



55, 61.067, 153.294



55, 61.067, 283.294



55, 61.067, 333.294

Sweetspot

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



55, 60.901, 103.316



72, 28.742, 107.651



28, 64.654, 38.868



37, 19.480, 107.320



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



55, 60.901, 103.316



70, 74.159, 103.326



51, 68.280, 127.635



29, 4.411, 109.635



54, 59.640, 103.315



1, 2.056, 110.478

Inverse Universe

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



14, 84.042, 306.320



21, 102.352, 306.311



20, 78.206, 312.178



26, 4.504, 291.381



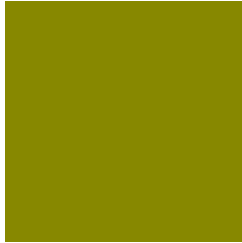
14, 82.300, 306.321



0, 2.057, 290.479

Previews

White Background



This preview shows how the CIELCh color 55, 61.067, 103.294 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 55, 61.067, 103.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

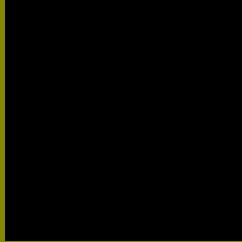
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 61.067, 103.294

Background



This preview shows how black text looks on a background with the CIELCh color 55, 61.067, 103.294.



This preview shows how white text looks on a background with the CIELCh color 55, 61.067, 103.294.

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

55, 60.743, 103.297

Protanopia

55, 60.034, 95.069

Deuteranopia

55, 56.761, 83.045



Tritanopia
55, 9.165, 341.707

Trichromacy



Original Color
55, 60.743, 103.297

Protanomaly
55, 60.281, 98.325

Deuteranomaly
55, 57.623, 90.626

Tritanomaly
54, 25.029, 94.785

Monochromacy



Original Color
55, 60.743, 103.297

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 28.363, 107.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 61.067, 103.294 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(135, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(135, 136, 0)  
}
```

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(135, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 136, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 61.067, 103.294 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(135, 136, 0) }
```

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

```
.border{ border-color:rgb(135, 136, 0) }
```

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

Here you see how a box with a 4 pixel rgb(135, 136, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(135, 136,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 61.067, 103.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 136, 0) }
```

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

```
.background{ background-color: rgb(135,  
136, 0) }
```

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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