

Converting Colors

CIELCh(55, 59.554, 103.022)

Have a look what the booklet for
CIELCh(55, 59.554, 103.022)
contains.

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Color

CIELCh(55, 59.547, 102.987)

Conversions

Conversions Part 1

Format	Color
Hex	888807
RGB	136, 136, 7
RGB Percent	53%, 53%, 3%
CMY	0.4659, 0.4659, 0.9710
CMYK	0.00, 0.00, 0.95, 0.47
HSL	60°, 90%, 28%
HSV	60°, 95%, 53%
XYZ	19.0583, 22.9298, 3.6335
YIQ	121.2940, 41.4090, -40.1190

Conversions

Conversions Part 2

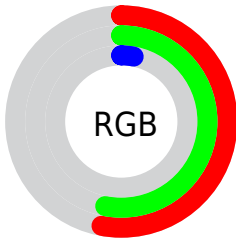
Format	Color
R_{YB}	7, 136, 7
Decimal	8947719
CIE Lab	55.00, -13.38, 58.02
CIE LCh	55, 59.547, 102.987
Yxy	22.9298, 0.4177, 0.5026
Android (android.graphics.Color)	4287137799 (0xFF888807)
YUV	121.2940, -56.3469, 12.8972
Hunter-Lab	47.8851, -12.7557, 29.0207

Details

The CIELCh color **55, 59.547, 102.987** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **15, 80.889, 305.602**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 59.585, 102.801**, and **35, 44.364, 106.136** is the 20% darker color. If you saturate the color by 10%, you get **55, 60.802, 102.847**, and if you desaturate by 10%, it is **55, 56.787, 103.305**.

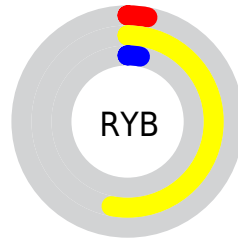
Distribution



Red (53%)

Green (53%)

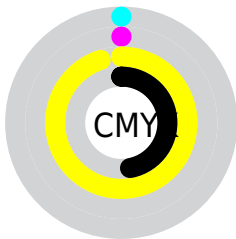
Blue (3%)



Red (3%)

Yellow (53%)

Blue (3%)

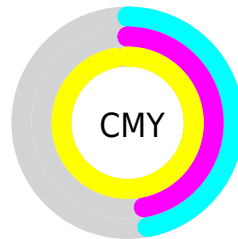


Cyan (0%)

Magenta (0%)

Yellow (95%)

Black (47%)



Cyan (47%)


Magenta (47%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 59.547, 102.987 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, 59.547, 102.987 by changing the saturation by 10% instead.


 55, 59.547,
102.987


 55, 59.547,
102.987


 100, 59.547,
102.987


 45, 59.547,
102.987


 75, 59.547,
102.987

 35, 59.547,
102.987

 85, 59.547,
102.987

 25, 59.547,
102.987

 95, 59.547,
102.987

 15, 59.547,
102.987

 5, 59.547, 102.987

 0, 59.547, 102.987

■ 55, 59.547,
102.987

■ 55, 59.547,
102.987

■ 55, 60.802,
102.847

■ 55, 56.787,
103.305

■ 55, 52.544,
103.797

■ 55, 47.075,
104.443

■ 55, 40.725,
105.207

■ 56, 33.788,
106.053

■ 56, 26.478,
106.952

■ 56, 18.942,
107.879

■ 56, 11.275,

108.815

■ 57, 3.539, 109.739

Harmonies

Complementary

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



55, 59.547, 102.987



15, 80.889, 305.602

Rectangle

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



55, 59.547, 102.987



55, 59.547, 152.987



55, 59.547, 282.987



55, 59.547, 332.987

Sweetspot

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



55, 59.547, 102.989



71, 26.546, 107.503



28, 61.540, 36.985



37, 18.423, 107.150



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, 59.547, 102.989



70, 73.361, 102.847



51, 66.039, 126.683



29, 4.410, 109.319



54, 59.632, 102.847



1, 2.056, 110.173

Inverse Universe

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



15, 80.889, 305.602



21, 101.301, 306.286



21, 75.878, 311.918



26, 4.503, 291.088



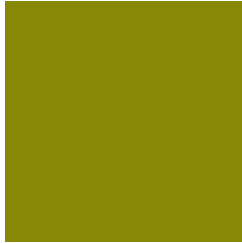
14, 82.341, 306.286



0, 2.057, 290.174

Previews

White Background



This preview shows how the CIELCh color 55, 59.547, 102.987 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, 59.547, 102.987 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, 59.547, 102.987

Background



This preview shows how black text looks on a background with the CIELCh color 55, 59.547, 102.987.



This preview shows how white text looks on a background with the CIELCh color 55, 59.547, 102.987.

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, 59.547, 102.987

Protanopia
55, 59.506, 95.066

Deuteranopia
55, 56.493, 82.986



Tritanopia
55, 8.829, 344.636

Trichromacy



Original Color
55, 59.547, 102.987

Protanomaly
55, 59.415, 98.362

Deuteranomaly
55, 56.767, 90.551

Tritanomaly
54, 23.939, 94.405

Monochromacy



Original Color
55, 59.547, 102.987

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 26.717, 106.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 59.547, 102.987 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(136, 136, 7)` looks like.

```
.text, #text, p{  
    color:rgb(136, 136, 7)  
}
```

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(136, 136, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 136, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 59.547, 102.987 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(136, 136, 7) }
```

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

```
.border{ border-color:rgb(136, 136, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 136, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 136, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 136, 7);  
box-shadow:4px 4px 4px 4px rgb(136, 136,  
7) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 59.547, 102.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 136, 7) }
```

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

```
.background{ background-color: rgb(136,  
136, 7) }
```

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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