

Converting Colors

CIELCh(55, 66.137, 100.968)

Have a look what the booklet for
CIELCh(55, 66.137, 100.968)
contains.

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Color

CIELCh(55, 60.750, 101.514)

Conversions

Conversions Part 1

Format	Color
Hex	8B8800
RGB	139, 136, 0
RGB Percent	55%, 53%, 0%
CMY	0.4568, 0.4684, 1.0000
CMYK	0.00, 0.02, 1.00, 0.46
HSL	59°, 100%, 27%
HSV	59°, 100%, 54%
XYZ	19.3047, 22.9298, 3.3848
YIQ	121.3930, 45.4440, -41.6600

Conversions

Conversions Part 2

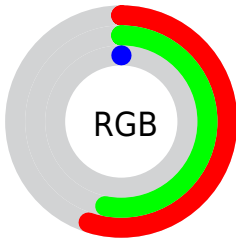
Format	Color
R_{YB}	3, 139, 0
Decimal	9144320
CIE Lab	55.00, -12.13, 59.53
CIE LCh	55, 60.750, 101.514
Yxy	22.9298, 0.4232, 0.5026
Android (android.graphics.Color)	4287334400 (0xFF8B8800)
YUV	121.3930, -59.8467, 15.4413
Hunter-Lab	47.8851, -11.8372, 29.3286

Details

The CIELCh color **55, 60.750, 101.514** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **15, 83.877, 305.924**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 60.879, 101.479**, and **35, 44.286, 104.172** is the 20% darker color. If you saturate the color by 10%, you get **55, 60.608, 101.529**, and if you desaturate by 10%, it is **55, 58.316, 101.890**.

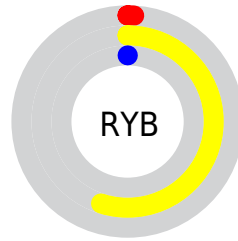
Distribution



Red (55%)

Green (53%)

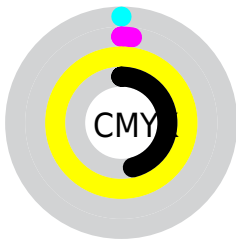
Blue (0%)



Red (1%)

Yellow (55%)

Blue (0%)

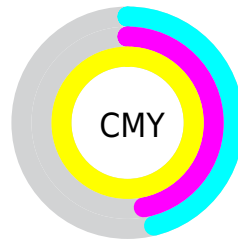


Cyan (0%)

Magenta (2%)

Yellow (100%)

Black (46%)



Cyan (46%)


Magenta (47%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 60.750, 101.514 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, 60.750, 101.514 by changing the saturation by 10% instead.


 55, 60.750,
101.514


 55, 60.750,
101.514


 100, 60.750,
101.514


 45, 60.750,
101.514


 75, 60.750,
101.514

 35, 60.750,
101.514

 85, 60.750,
101.514

 25, 60.750,
101.514

 95, 60.750,
101.514

 15, 60.750,
101.514

 5, 60.750, 101.514

 0, 60.750, 101.514

■ 55, 60.750,
101.514

■ 55, 60.750,
101.514

■ 55, 60.608,
101.529

■ 55, 58.316,
101.890

■ 55, 54.875,
102.370

■ 55, 50.015,
103.004

■ 56, 44.088,
103.761

■ 56, 37.434,
104.608

■ 56, 30.316,
105.515

■ 56, 22.913,
106.457

■ 57, 15.345,

107.414

■ 57, 7.688, 108.367

Harmonies

Complementary

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



55, 60.750, 101.514



15, 83.877, 305.924

Rectangle

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



55, 60.750, 101.514



55, 60.750, 151.514



55, 60.750, 281.514



55, 60.750, 331.514

Sweetspot

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



55, 60.608, 101.529



72, 28.499, 106.394



28, 64.350, 37.640



38, 19.547, 106.041



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



55, 60.608, 101.529



70, 73.762, 101.499



52, 68.297, 126.510



29, 4.318, 108.448



53, 58.723, 101.535



1, 2.012, 109.317

Inverse Universe

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



15, 83.877, 305.924



22, 102.486, 306.024



20, 79.617, 311.429



26, 4.405, 290.246



14, 81.207, 305.905



0, 2.013, 289.319

Previews

White Background



This preview shows how the CIELCh color 55, 60.750, 101.514 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 55, 60.750, 101.514 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, 60.750, 101.514

Background



This preview shows how black text looks on a background with the CIELCh color 55, 60.750, 101.514.



This preview shows how white text looks on a background with the CIELCh color 55, 60.750, 101.514.

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, 60.750, 101.514

Protanopia

55, 60.034, 95.069

Deuteranopia

55, 57.021, 83.102



Tritanopia
55, 10.138, 346.137

Trichromacy



Original Color
55, 60.750, 101.514

Protanomaly
55, 60.049, 97.384

Deuteranomaly
55, 57.744, 90.164

Tritanomaly
54, 24.868, 91.545

Monochromacy



Original Color
55, 60.750, 101.514

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 27.849, 105.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 60.750, 101.514 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(139, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(139, 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(139, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 136, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 60.750, 101.514 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(139, 136, 0) }
```

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

```
.border{ border-color:rgb(139, 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(139, 136, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(139, 136,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 60.750, 101.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 136, 0) }
```

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

```
.background{ background-color: rgb(139,  
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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