

Converting Colors

CIELCh(55, 56.443, 101.415)

Have a look what the booklet for
CIELCh(55, 56.443, 101.415)
contains.

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Color

CIELCh(55, 56.391, 101.399)

Conversions

Conversions Part 1

Format	Color
Hex	8B8715
RGB	139, 135, 21
RGB Percent	55%, 53%, 8%
CMY	0.4542, 0.4700, 0.9168
CMYK	0.00, 0.03, 0.85, 0.45
HSL	58°, 74%, 31%
HSV	58°, 85%, 55%
XYZ	19.4987, 22.9298, 4.1183
YIQ	123.2000, 38.9780, -34.6060

Conversions

Conversions Part 2

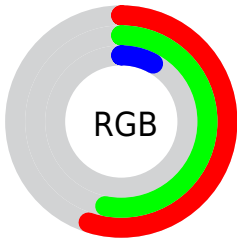
Format	Color
R_{YB}	25, 139, 21
Decimal	9144085
CIE _{Lab}	55.00, -11.15, 55.28
CIE _{LCh}	55, 56.391, 101.399
Yxy	22.9298, 0.4189, 0.4926
Android (android.graphics.Color)	4287334165 (0xFF8B8715)
YUV	123.2000, -50.3846, 13.8566
Hunter-Lab	47.8851, -11.1142, 28.4204

Details

The CIELCh color **55, 56.391, 101.399** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **19, 74.043, 303.461**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 56.282, 101.230**, and **35, 43.922, 103.519** is the 20% darker color. If you saturate the color by 10%, you get **55, 59.089, 100.937**, and if you desaturate by 10%, it is **55, 52.170, 102.011**.

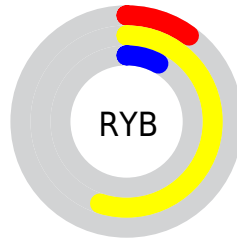
Distribution



Red (55%)

Green (53%)

Blue (8%)



Red (10%)

Yellow (55%)

Blue (8%)

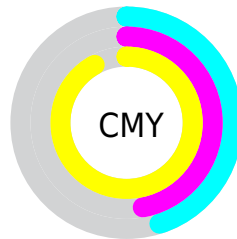


Cyan (0%)

Magenta (3%)

Yellow (85%)

Black (45%)



Cyan (45%)


Magenta (47%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 56.391, 101.399 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, 56.391, 101.399 by changing the saturation by 10% instead.


 55, 56.391,
101.399


 55, 56.391,
101.399


 100, 56.391,
101.399


 45, 56.391,
101.399


 75, 56.391,
101.399

 35, 56.391,
101.399

 85, 56.391,
101.399

 25, 56.391,
101.399

 95, 56.391,
101.399

 15, 56.391,
101.399

 5, 56.391, 101.399

 0, 56.391, 101.399

■ 55, 56.391,
101.399

■ 55, 56.391,
101.399

■ 55, 59.089,
100.937

■ 55, 52.170,
102.011

■ 55, 60.268,
100.718

■ 55, 46.713,
102.750

■ 56, 40.385,
103.587

■ 56, 33.491,
104.491

■ 56, 26.247,
105.437

■ 57, 18.797,
106.404

■ 57, 11.234,
107.374

■ 58, 3.617, 108.325

Harmonies

Complementary

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



55, 56.391, 101.399



19, 74.043, 303.461

Rectangle

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



55, 56.391, 101.399



55, 56.391, 151.399



55, 56.391, 281.399



55, 56.391, 331.399

Sweetspot

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



55, 56.391, 101.401



72, 23.528, 106.327



30, 55.998, 31.744



38, 16.155, 106.026



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, 56.391, 101.401



70, 73.086, 100.671



52, 62.843, 124.806



29, 4.263, 107.912



52, 58.199, 100.728



1, 1.986, 108.790

Inverse Universe

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



19, 74.043, 303.461



22, 101.910, 305.868



23, 72.548, 311.336



26, 4.347, 289.728



14, 80.550, 305.680



0, 1.987, 288.792

Previews

White Background



This preview shows how the CIELCh color 55, 56.391, 101.399 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, 56.391, 101.399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

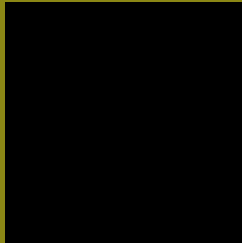
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 56.391, 101.399

Background



This preview shows how black text looks on a background with the CIELCh color 55, 56.391, 101.399.



This preview shows how white text looks on a background with the CIELCh color 55, 56.391, 101.399.

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, 56.391, 101.399

Protanopia
55, 56.115, 95.503

Deuteranopia
55, 54.720, 82.573



Tritanopia
55, 10.470, 347.438

Trichromacy



Original Color
55, 56.391, 101.399

Protanomaly
55, 56.216, 97.482

Deuteranomaly
55, 54.468, 89.825

Tritanomaly
55, 21.237, 88.277

Monochromacy



Original Color
55, 56.391, 101.399

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 23.411, 105.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 56.391, 101.399 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, 135, 21)` looks like.

```
.text, #text, p{  
    color:rgb(139, 135, 21)  
}
```

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, 135, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 135, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 56.391, 101.399 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, 135, 21) }
```

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

```
.border{ border-color:rgb(139, 135, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 135, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 135, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 135, 21);  
box-shadow:4px 4px 4px 4px rgb(139, 135,  
21) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 56.391, 101.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 135, 21) }
```

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

```
.background{ background-color: rgb(139,  
135, 21) }
```

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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