

Converting Colors

CIELCh(55, 10.314, 104.290)

Have a look what the booklet for
CIELCh(55, 10.314, 104.290)
contains.

CIELCh(55, 10.314, 104.290)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(55, 10.314, 104.290)

Conversions

Conversions Part 1

Format	Color
Hex	868472
RGB	134, 132, 114
RGB Percent	53%, 52%, 45%
CMY	0.4730, 0.4808, 0.5515
CMYK	0.00, 0.01, 0.15, 0.47
HSL	54°, 8%, 49%
HSV	54°, 15%, 53%
XYZ	21.2547, 22.9298, 19.3370
YIQ	130.5460, 6.9700, -5.1740

Conversions

Conversions Part 2

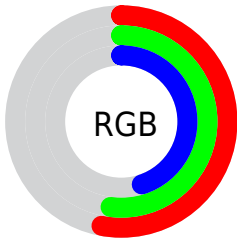
Format	Color
R_{YB}	116, 134, 114
Decimal	8815730
CIE Lab	55.00, -2.55, 9.99
CIE LCh	55, 10.314, 104.290
Yxy	22.9298, 0.3346, 0.3610
Android (android.graphics.Color)	4287005810 (0xFF868472)
YUV	130.5460, -8.1572, 3.0292
Hunter-Lab	47.8851, -4.5682, 9.5771

Details

The CIELCh color **55, 10.314, 104.290** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **49, 10.583, 287.471**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 10.235, 104.869**, and **35, 10.533, 105.876** is the 20% darker color. If you saturate the color by 10%, you get **54, 17.229, 103.266**, and if you desaturate by 10%, it is **56, 3.382, 105.298**.

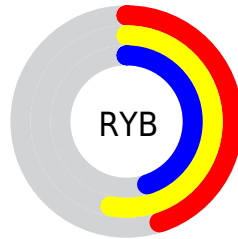
Distribution



Red (53%)

Green (52%)

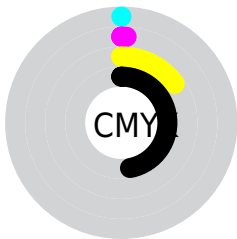
Blue (45%)



Red (45%)

Yellow (53%)

Blue (45%)

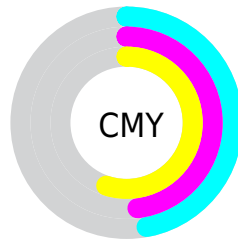


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (47%)



Cyan (47%)


Magenta (48%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 10.314, 104.290 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, 10.314, 104.290 by changing the saturation by 10% instead.


 55, 10.314,
104.290


 55, 10.314,
104.290


 100, 10.314,
104.290


 45, 10.314,
104.290


 75, 10.314,
104.290


 35, 10.314,
104.290


 85, 10.314,
104.290

 25, 10.314,
104.290

 95, 10.314,
104.290

 15, 10.314,
104.290

 5, 10.314, 104.290

 0, 10.314, 104.290

■ 55, 10.314,
104.290

■ 55, 10.314,
104.290

■ 54, 17.229,
103.266

■ 56, 3.382, 105.298

■ 54, 24.076,
102.224

■ 56, 3.542, 286.333

■ 53, 30.776,
101.185

■ 57, 10.438,
287.275

■ 53, 37.205,
100.165

■ 58, 17.295,
288.192

■ 52, 43.165, 99.180

■ 59, 24.105,
289.070

■ 52, 48.367, 98.248

■ 60, 30.865,
289.907

■ 51, 52.435, 97.383

■ 61, 37.570,
290.702

■ 51, 55.054, 96.585

■ 62, 44.220,
291.454

■ 50, 56.218, 96.193

■ 63, 50.811,
292.164

Harmonies

Complementary

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



55, 10.314, 104.290



49, 10.583, 287.471

Rectangle

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



55, 10.314, 104.290



55, 10.314, 154.290



55, 10.314, 284.290



55, 10.314, 334.290

Sweetspot

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



55, 10.315, 104.297



71, 3.445, 105.373



50, 8.352, 12.362



38, 2.469, 105.309



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, 10.315, 104.297



70, 15.539, 103.936



55, 11.906, 124.794



28, 3.862, 104.882



49, 54.911, 96.216



1, 0.927, 105.806

Inverse Universe

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



49, 10.583, 287.471



62, 16.039, 287.919



50, 12.193, 306.244



26, 3.927, 286.788



15, 76.025, 304.445



0, 0.927, 285.809

Previews

White Background



This preview shows how the CIELCh color 55, 10.314, 104.290 looks on a white background.

Color Contrast Check

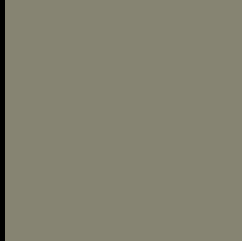
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.314, 104.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

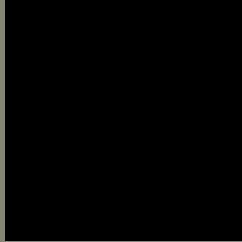
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

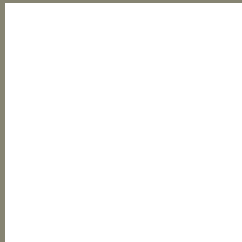
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 10.314, 104.290

Background



This preview shows how black text looks on a background with the CIELCh color 55, 10.314, 104.290.



This preview shows how white text looks on a background with the CIELCh color 55, 10.314, 104.290.

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

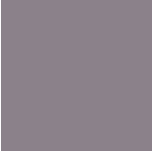
55, 10.314, 104.290

Protanopia

55, 10.147, 92.233

Deuteranopia

55, 11.952, 55.030



Tritanopia
55, 6.770, 322.025

Trichromacy



Original Color
55, 10.314, 104.290

Protanomaly
55, 10.485, 97.443

Deuteranomaly
55, 10.212, 71.147

Tritanomaly
55, 2.796, 19.556

Monochromacy



Original Color
55, 10.314, 104.290

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 4.003, 109.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 10.314, 104.290 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(134, 132, 114)` looks like.

```
.text, #text, p{  
    color:rgb(134, 132, 114)  
}
```

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(134, 132, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 132, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 10.314, 104.290 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(134, 132, 114) }
```

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

```
.border{ border-color:rgb(134, 132, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 132, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 132, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 132, 114);  
box-shadow:4px 4px 4px 4px rgb(134, 132,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 10.314, 104.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 132, 114) }
```

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

```
.background{ background-color: rgb(134,  
132, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor