

Converting Colors

CIELCh(55, 10.259, 113.434)

Have a look what the booklet for
CIELCh(55, 10.259, 113.434)
contains.

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Color

CIELCh(55, 10.316, 113.504)

Conversions

Conversions Part 1

Format	Color
Hex	838573
RGB	131, 133, 115
RGB Percent	51%, 52%, 45%
CMY	0.4853, 0.4775, 0.5481
CMYK	0.02, 0.00, 0.14, 0.48
HSL	67°, 7%, 49%
HSV	67°, 14%, 52%
XYZ	20.9269, 22.9298, 19.6142
YIQ	130.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

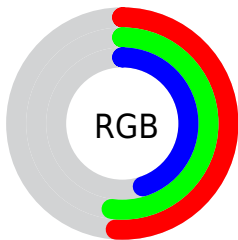
Format	Color
R_YB	115, 133, 117
Decimal	8619379
CIE Lab	55.00, -4.11, 9.46
CIE LCh	55, 10.316, 113.504
Yxy	22.9298, 0.3297, 0.3613
Android (android.graphics.Color)	4286809459 (0xFF838573)
YUV	130.3500, -7.5675, 0.5701
Hunter-Lab	47.8851, -5.7902, 9.2338

Details

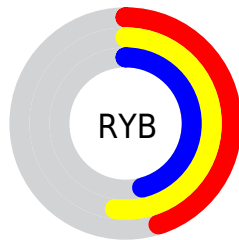
The CIELCh color $55, 10.316, 113.504$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $49, 10.624, 295.676$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 10.240, 113.501$, and $35, 10.553, 113.339$ is the 20% darker color. If you saturate the color by 10%, you get $55, 17.890, 112.733$, and if you desaturate by 10%, it is $55, 2.683, 114.274$.

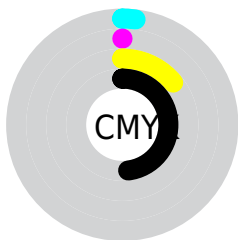
Distribution



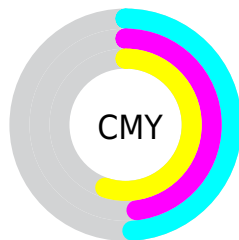
- Red (51%)
- Green (52%)
- Blue (45%)



- Red (45%)
- Yellow (52%)
- Blue (46%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (48%)





- Cyan (49%)
- Magenta (48%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 10.316, 113.504 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, 10.316, 113.504 by changing the saturation by 10% instead.


 55, 10.316,
113.504


 55, 10.316,
113.504


 100, 10.316,
113.504


 45, 10.316,
113.504


 75, 10.316,
113.504

 35, 10.316,
113.504


 85, 10.316,
113.504

 25, 10.316,
113.504

 95, 10.316,
113.504

 15, 10.316,
113.504

 5, 10.316, 113.504

 0, 10.316, 113.504

■ 55, 10.316,
113.504

■ 55, 10.316,
113.504

■ 55, 17.890,
112.733

■ 55, 2.683, 114.274

■ 54, 25.342,
111.963

■ 56, 4.973, 295.033

■ 54, 32.585,
111.220

■ 57, 12.622,
295.753

■ 54, 39.486,
110.536

■ 57, 20.246,
296.443

■ 53, 45.848,
109.951

■ 58, 27.828,
297.099

■ 53, 51.397,
109.518

■ 58, 35.358,
297.719

■ 53, 55.802,
109.301

■ 59, 42.826,
298.301

■ 53, 58.771,

■ 60, 50.225,
298.848

109.357

■ 61, 57.550,
299.359

■ 53, 60.342,
109.453

Harmonies

Complementary

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



55, 10.316, 113.504



49, 10.624, 295.676

Rectangle

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



55, 10.316, 113.504



55, 10.316, 163.504



55, 10.316, 293.504



55, 10.316, 343.504

Sweetspot

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



55, 10.317, 113.510



71, 3.787, 114.231



51, 6.800, 28.919



37, 2.681, 114.181



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



55, 10.317, 113.510



70, 15.136, 113.289



54, 11.246, 131.935



28, 4.291, 113.848



51, 59.290, 109.438



1, 1.032, 114.545

Inverse Universe

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



49, 10.624, 295.676



62, 15.681, 295.944



50, 11.405, 313.026



25, 4.380, 295.285



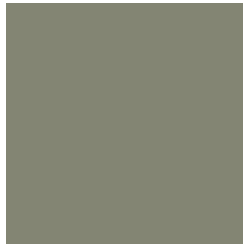
14, 80.524, 306.807



0, 1.032, 294.545

Previews

White Background



This preview shows how the CIELCh color 55, 10.316, 113.504 looks on a white background.

Color Contrast Check

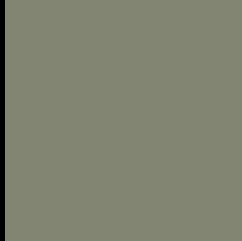
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.316, 113.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

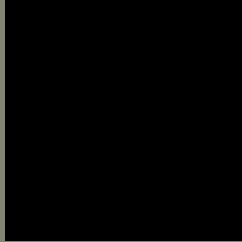
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

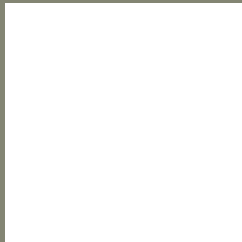
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 10.316, 113.504

Background



This preview shows how black text looks on a background with the CIELCh color 55, 10.316, 113.504.



This preview shows how white text looks on a background with the CIELCh color 55, 10.316, 113.504.

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, 10.316, 113.504

Protanopia

55, 10.147, 92.233

Deuteranopia

55, 11.273, 50.546



Tritanopia
55, 6.093, 309.359

Trichromacy



Original Color
55, 10.316, 113.504

Protanomaly
55, 10.411, 99.704

Deuteranomaly
55, 9.484, 71.157

Tritanomaly
55, 1.190, 19.191

Monochromacy



Original Color
55, 10.316, 113.504

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 4.029, 115.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 10.316, 113.504 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(131, 133, 115)` looks like.

```
.text, #text, p{  
    color:rgb(131, 133, 115)  
}
```

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(131, 133, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 133, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 10.316, 113.504 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(131, 133, 115) }
```

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

```
.border{ border-color:rgb(131, 133, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 133, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 133, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 133, 115); box-shadow:4px 4px 4px 4px rgb(131, 133, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 10.316, 113.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 133, 115) }
```

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

```
.background{ background-color: rgb(131,  
133, 115) }
```

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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