

Converting Colors

CIELCh(55, 3.290, 74.246)

Have a look what the booklet for
CIELCh(55, 3.290, 74.246) contains.

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Color

CIELCh(55, 3.487, 74.479)

Conversions

Conversions Part 1

Format	Color
Hex	88837E
RGB	136, 131, 126
RGB Percent	53%, 51%, 49%
CMY	0.4671, 0.4867, 0.5063
CMYK	0.00, 0.04, 0.07, 0.47
HSL	30°, 4%, 51%
HSV	30°, 7%, 53%
XYZ	21.9941, 22.9298, 22.9669
YIQ	131.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

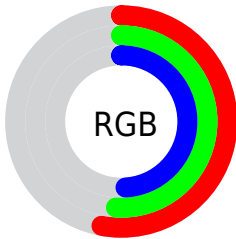
Format	Color
R_{YB}	136, 136, 126
Decimal	8946558
CIE _{Lab}	55.00, 0.93, 3.36
CIE _{LCh}	55, 3.487, 74.479
Yxy	22.9298, 0.3240, 0.3377
Android (android.graphics.Color)	4287136638 (0xFF88837E)
YUV	131.9250, -2.9210, 3.5738
Hunter-Lab	47.8851, -1.8122, 5.0827

Details

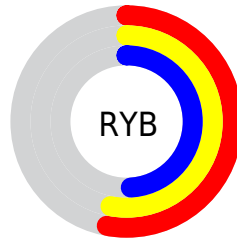
The CIELCh color $55, 3.487, 74.479$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54, 3.436, 256.432$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 3.267, 74.677$, and $35, 3.565, 79.931$ is the 20% darker color. If you saturate the color by 10%, you get $53, 8.418, 73.361$, and if you desaturate by 10%, it is $57, 1.234, 255.979$.

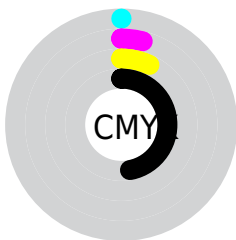
Distribution



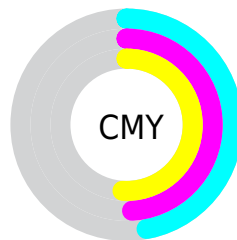
- Red (53%)
- Green (51%)
- Blue (49%)



- Red (53%)
- Yellow (53%)
- Blue (49%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (47%)



- Cyan (47%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 3.487, 74.479 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, 3.487, 74.479 by changing the saturation by 10% instead.

■ 55, 3.487, 74.479

■ 55, 3.487, 74.479

■ 100, 3.487, 74.479

■ 45, 3.487, 74.479

■ 75, 3.487, 74.479

■ 35, 3.487, 74.479

■ 85, 3.487, 74.479

■ 25, 3.487, 74.479

■ 95, 3.487, 74.479

■ 15, 3.487, 74.479

■ 5, 3.487, 74.479

■ 0, 3.487, 74.479

■ 55, 3.487, 74.479

■ 55, 3.487, 74.479

■ 53, 8.418, 73.361

■ 57, 1.234, 255.979

■ 51, 13.575, 72.164

■ 60, 5.764, 256.942

48, 18.968, 70.949

62, 10.124,
258.026

46, 24.590, 69.722

64, 14.332,
259.084

44, 30.404, 68.476

42, 36.313, 67.183

66, 18.405,
260.104

41, 42.108, 65.770

69, 22.358,
261.083

39, 47.384, 64.078

37, 51.826, 62.045

71, 26.205,
262.019

74, 29.958,
262.912

76, 33.626,
263.764

Harmonies

Complementary

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



55, 3.487, 74.479



54, 3.436, 256.432

Rectangle

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



55, 3.487, 74.479



55, 3.487, 124.479



55, 3.487, 254.479



55, 3.487, 304.479

Sweetspot

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



55, 3.487, 74.507



71, 1.153, 74.921



54, 4.933, 344.177



38, 0.660, 74.915



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, 3.487, 74.507



69, 5.291, 74.305



56, 5.689, 109.489



28, 2.715, 74.309



36, 52.170, 61.737



1, 1.240, 75.442

Inverse Universe

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



54, 3.436, 256.432



68, 5.185, 256.660



53, 5.790, 290.903



28, 2.661, 256.656



28, 43.273, 282.737



1, 1.240, 255.455

Previews

White Background



This preview shows how the CIELCh color 55, 3.487, 74.479 looks on a white background.

Color Contrast Check

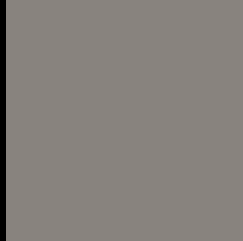
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.487, 74.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

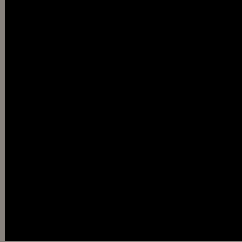
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

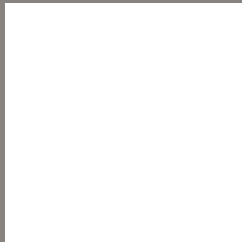
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 3.487, 74.479

Background



This preview shows how black text looks on a background with the CIELCh color 55, 3.487, 74.479.



This preview shows how white text looks on a background with the CIELCh color 55, 3.487, 74.479.

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

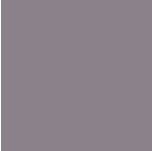
55, 3.487, 74.479

Protanopia

55, 3.271, 80.307

Deuteranopia

55, 7.732, 20.188



Tritanopia
55, 6.770, 322.025

Trichromacy



Original Color
55, 3.487, 74.479

Protanomaly
55, 3.271, 80.307

Deuteranomaly
55, 5.700, 25.684

Tritanomaly
55, 3.615, 340.292

Monochromacy



Original Color
55, 3.487, 74.479

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 1.202, 90.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 3.487, 74.479 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, 131, 126)` looks like.

```
.text, #text, p{  
    color:rgb(136, 131, 126)  
}
```

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, 131, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 131, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 3.487, 74.479 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, 131, 126) }
```

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

```
.border{ border-color:rgb(136, 131, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 131, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 131, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 131, 126);  
box-shadow:4px 4px 4px 4px rgb(136, 131,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 3.487, 74.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 131, 126) }
```

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

```
.background{ background-color: rgb(136,  
131, 126) }
```

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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