

Converting Colors

CIELCh(55, 6.892, 147.347)

Have a look what the booklet for
CIELCh(55, 6.892, 147.347) contains.

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Color

CIELCh(55, 6.549, 146.872)

Conversions

Conversions Part 1

Format	Color
Hex	7C867D
RGB	124, 134, 125
RGB Percent	49%, 53%, 49%
CMY	0.5126, 0.4733, 0.5086
CMYK	0.07, 0.00, 0.07, 0.47
HSL	126°, 4%, 51%
HSV	126°, 7%, 53%
XYZ	20.6433, 22.9298, 22.8402
YIQ	129.9840, -3.0710, -4.9190

Conversions

Conversions Part 2

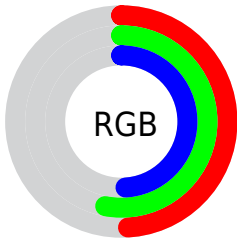
Format	Color
RYB	124, 133, 134
Decimal	8160893
CIELab	55.00, -5.48, 3.58
CIElCh	55, 6.549, 146.872
Yxy	22.9298, 0.3108, 0.3453
Android (android.graphics.Color)	4286350973 (0xFF7C867D)
YUV	129.9840, -2.4571, -5.2480
Hunter-Lab	47.8851, -6.8476, 5.2395

Details

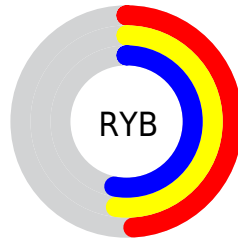
The CIELCh color $55, 6.549, 146.872$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 6.566, 327.653$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 6.149, 147.002$, and $35, 6.362, 147.032$ is the 20% darker color. If you saturate the color by 10%, you get $54, 15.427, 146.190$, and if you desaturate by 10%, it is $56, 2.231, 327.314$.

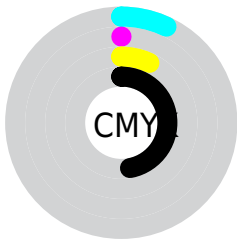
Distribution



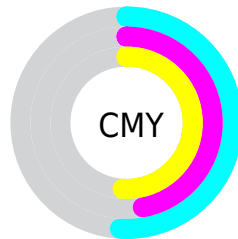
- Red (49%)
- Green (53%)
- Blue (49%)



- Red (49%)
- Yellow (52%)
- Blue (53%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 6.549, 146.872 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, 6.549, 146.872 by changing the saturation by 10% instead.

■ 55, 6.549, 146.872

■ 55, 6.549, 146.872

■ 100, 6.549,
146.872

■ 45, 6.549, 146.872

■ 75, 6.549, 146.872

■ 35, 6.549, 146.872

■ 85, 6.549, 146.872

■ 25, 6.549, 146.872

■ 95, 6.549, 146.872

■ 15, 6.549, 146.872

■ 5, 6.549, 146.872

■ 0, 6.549, 146.872

■ 55, 6.549, 146.872

■ 55, 6.549, 146.872

■ 54, 15.427,
146.190

■ 56, 2.231, 327.314

■ 58, 10.847,

■ 53, 24.299,
145.414

327.878

■ 52, 33.033,
144.518

■ 60, 19.248,
328.308

■ 51, 41.465,
143.492

■ 61, 27.404,
328.676

■ 50, 49.397,
142.339

■ 63, 35.301,
328.995

■ 49, 56.604,
141.078

■ 65, 42.934,
329.273

■ 49, 62.844,
139.760

■ 67, 50.306,
329.517

■ 49, 67.868,
138.474

■ 69, 57.424,
329.733

■ 49, 71.523,
137.392

■ 71, 64.299,
329.924

Harmonies

Complementary

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



55, 6.549, 146.872



53, 6.566, 327.653

Rectangle

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



55, 6.549, 146.872



55, 6.549, 196.872



55, 6.549, 326.872



55, 6.549, 16.872

Sweetspot

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



55, 6.551, 146.872



71, 2.152, 147.276



56, 5.720, 112.854



37, 1.218, 147.293



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, 6.551, 146.872



69, 9.761, 146.757



55, 4.620, 167.839



27, 4.912, 146.762



47, 70.539, 137.250



1, 1.172, 147.274

Inverse Universe

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



53, 6.566, 327.653



67, 9.782, 327.757



53, 4.686, 348.969



26, 4.923, 327.752



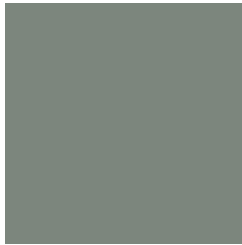
30, 64.982, 332.518



0, 1.172, 327.269

Previews

White Background



This preview shows how the CIELCh color 55, 6.549, 146.872 looks on a white background.

Color Contrast Check

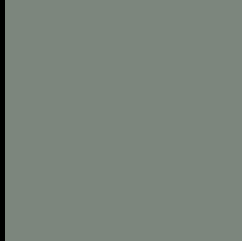
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.549, 146.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

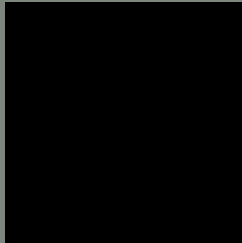
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

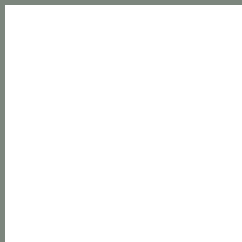
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 6.549, 146.872

Background



This preview shows how black text looks on a background with the CIELCh color 55, 6.549, 146.872.



This preview shows how white text looks on a background with the CIELCh color 55, 6.549, 146.872.

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, 6.549, 146.872

Protanopia

55, 4.998, 85.598

Deuteranopia

55, 7.732, 20.188



Tritanopia
55, 6.013, 272.502

Trichromacy



Original Color
55, 6.549, 146.872

Protanomaly
55, 4.576, 109.609

Deuteranomaly
55, 3.952, 54.942

Tritanomaly
55, 3.176, 232.194

Monochromacy



Original Color
55, 6.549, 146.872

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 2.801, 144.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 6.549, 146.872 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(124, 134, 125)` looks like.

```
.text, #text, p{  
    color:rgb(124, 134, 125)  
}
```

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(124, 134, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 134, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 6.549, 146.872 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(124, 134, 125) }
```

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

```
.border{ border-color:rgb(124, 134, 125) }
```

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

Here you see how a box with a 4 pixel rgb(124, 134, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 134, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 134, 125);  
box-shadow:4px 4px 4px 4px rgb(124, 134,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 6.549, 146.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 134, 125) }
```

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

```
.background{ background-color: rgb(124,  
134, 125) }
```

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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