

Converting Colors

CIELCh(55, 15.557, 136.523)

Have a look what the booklet for
CIELCh(55, 15.557, 136.523)
contains.

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Color

CIELCh(55, 15.578, 136.517)

Conversions

Conversions Part 1

Format	Color
Hex	778971
RGB	119, 137, 113
RGB Percent	47%, 54%, 44%
CMY	0.5341, 0.4635, 0.5576
CMYK	0.13, 0.00, 0.18, 0.46
HSL	105°, 10%, 49%
HSV	105°, 18%, 54%
XYZ	19.4674, 22.9298, 18.9653
YIQ	128.8820, -3.0240, -11.2800

Conversions

Conversions Part 2

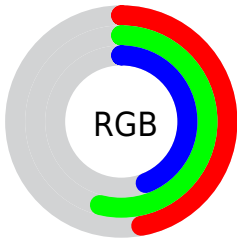
Format	Color
RYB	113, 137, 131
Decimal	7833969
CIELab	55.00, -11.30, 10.72
CIElCh	55, 15.578, 136.517
Yxy	22.9298, 0.3173, 0.3737
Android (android.graphics.Color)	4286024049 (0xFF778971)
YUV	128.8820, -7.8298, -8.6665
Hunter-Lab	47.8851, -11.2309, 10.0373

Details

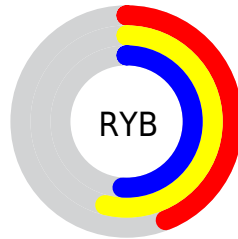
The CIELCh color $55, 15.578, 136.517$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $50, 15.744, 318.018$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 15.306, 137.017$, and $35, 15.601, 136.852$ is the 20% darker color. If you saturate the color by 10%, you get $54, 24.487, 135.992$, and if you desaturate by 10%, it is $56, 6.668, 137.001$.

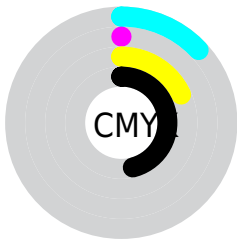
Distribution



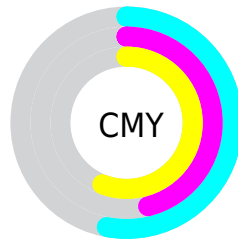
- Red (47%)
- Green (54%)
- Blue (44%)



- Red (44%)
- Yellow (54%)
- Blue (51%)



- Cyan (13%)
- Magenta (0%)
- Yellow (18%)
- Black (46%)





- Cyan (53%)
- Magenta (46%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 15.578, 136.517 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, 15.578, 136.517 by changing the saturation by 10% instead.


 55, 15.578,
136.517


 55, 15.578,
136.517


 100, 15.578,
136.517


 45, 15.578,
136.517


 75, 15.578,
136.517

 35, 15.578,
136.517

 85, 15.578,
136.517

 25, 15.578,
136.517

 95, 15.578,
136.517

 15, 15.578,
136.517

 5, 15.578, 136.517

 0, 15.578, 136.517

■ 55, 15.578,
136.517

■ 55, 15.578,
136.517

■ 54, 24.487,
135.992

■ 56, 6.668, 137.001

■ 53, 33.287,
135.424

■ 57, 2.172, 317.326

■ 52, 41.839,
134.831

■ 59, 10.888,
317.744

■ 52, 49.951,
134.254

■ 60, 19.444,
318.066

■ 51, 57.367,
133.758

■ 61, 27.815,
318.341

■ 50, 63.760,
133.439

■ 63, 35.987,
318.576

■ 50, 68.770,
133.416

■ 65, 43.953,
318.778

■ 50, 72.317,

■ 66, 51.711,
318.950

133.678

■ 68, 59.264,
319.097

■ 50, 73.124,
133.701

Harmonies

Complementary

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



55, 15.578, 136.517



50, 15.744, 318.018

Rectangle

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



55, 15.578, 136.517



55, 15.578, 186.517



55, 15.578, 316.517



55, 15.578, 6.517

Sweetspot

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



55, 15.579, 136.518



72, 5.485, 137.117



55, 10.591, 95.197



37, 3.730, 137.088



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, 15.579, 136.518



70, 23.197, 136.317



55, 14.123, 151.148



29, 5.022, 136.924



48, 71.458, 133.666



1, 2.326, 137.298

Inverse Universe

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



50, 15.744, 318.018



62, 23.492, 318.186



50, 14.197, 333.444



27, 5.055, 317.656



25, 72.959, 319.219



0, 2.327, 317.294

Previews

White Background



This preview shows how the CIE LCh color 55, 15.578, 136.517 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, 15.578, 136.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

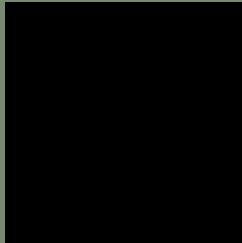
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 15.578, 136.517

Background



This preview shows how black text looks on a background with the CIELCh color 55, 15.578, 136.517.



This preview shows how white text looks on a background with the CIELCh color 55, 15.578, 136.517.

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](#).

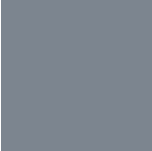
Dichromacy



Original Color
55, 15.578, 136.517

Protanopia
55, 12.468, 92.972

Deuteranopia
55, 11.952, 55.030



Tritanopia
55, 6.596, 260.010

Trichromacy



Original Color
55, 15.578, 136.517

Protanomaly
55, 12.558, 110.541

Deuteranomaly
55, 10.277, 89.984

Tritanomaly
55, 4.812, 185.163

Monochromacy



Original Color
55, 15.578, 136.517

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 5.901, 137.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 15.578, 136.517 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(119, 137, 113)` looks like.

```
.text, #text, p{  
    color:rgb(119, 137, 113)  
}
```

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(119, 137, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 137, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 15.578, 136.517 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(119, 137, 113) }
```

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

```
.border{ border-color:rgb(119, 137, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 137, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 137, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 137, 113);  
box-shadow:4px 4px 4px 4px rgb(119, 137,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 15.578, 136.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 137, 113) }
```

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

```
.background{ background-color: rgb(119,  
137, 113) }
```

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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