

Converting Colors

CIELCh(55, 11.157, 141.003)

Have a look what the booklet for
CIELCh(55, 11.157, 141.003)
contains.

CIELCh(55, 11.490, 140.607)	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, 11.490, 140.607)

Conversions

Conversions Part 1

Format	Color
Hex	798877
RGB	121, 136, 119
RGB Percent	47%, 53%, 47%
CMY	0.5263, 0.4674, 0.5341
CMYK	0.11, 0.00, 0.13, 0.47
HSL	113°, 7%, 50%
HSV	113°, 13%, 53%
XYZ	19.9516, 22.9298, 20.7655
YIQ	129.5770, -3.4830, -8.4670

Conversions

Conversions Part 2

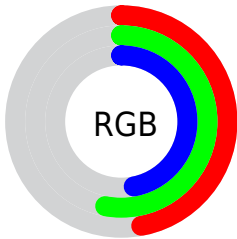
Format	Color
R_{YB}	119, 136, 134
Decimal	7964791
CIE _{Lab}	55.00, -8.88, 7.29
CIE _{LCh}	55, 11.490, 140.607
Yxy	22.9298, 0.3135, 0.3603
Android (android.graphics.Color)	4286154871 (0xFF798877)
YUV	129.5770, -5.2145, -7.5220
Hunter-Lab	47.8851, -9.4261, 7.8083

Details

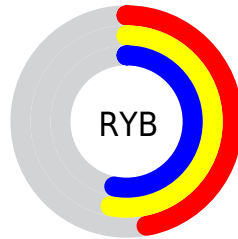
The CIELCh color `55, 11.490, 140.607` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `52, 11.538, 321.778`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `75, 11.458, 140.938`, and `35, 11.196, 141.747` is the 20% darker color. If you saturate the color by 10%, you get `54, 20.741, 140.017`, and if you desaturate by 10%, it is `56, 2.291, 141.176`.

Distribution



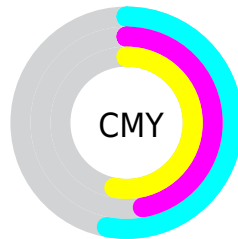
- Red (47%)
- Green (53%)
- Blue (47%)



- Red (47%)
- Yellow (53%)
- Blue (53%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (47%)





- Cyan (53%)
- Magenta (47%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 11.490, 140.607 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, 11.490, 140.607 by changing the saturation by 10% instead.


 55, 11.490,
140.607


 55, 11.490,
140.607


 100, 11.490,
140.607


 45, 11.490,
140.607


 75, 11.490,
140.607

 35, 11.490,
140.607

 85, 11.490,
140.607

 25, 11.490,
140.607

 95, 11.490,
140.607

 15, 11.490,
140.607

 5, 11.490, 140.607

 0, 11.490, 140.607

■ 55, 11.490,
140.607

■ 55, 11.490,
140.607

■ 54, 20.741,
140.017

■ 56, 2.291, 141.176

■ 53, 29.930,
139.350

■ 58, 6.783, 321.511

■ 52, 38.913,
138.610

■ 59, 15.675,
321.899

■ 51, 47.497,
137.818

■ 61, 24.352,
322.223

■ 50, 55.429,
137.015

■ 62, 32.792,
322.496

■ 50, 62.398,
136.280

■ 64, 40.985,
322.729

■ 50, 68.037,
135.723

■ 66, 48.931,
322.927

■ 49, 72.009,

■ 68, 56.632,
323.096

135.463

70, 64.097,
323.240

49, 74.227,
135.264

Harmonies

Complementary

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



55, 11.490, 140.607



52, 11.538, 321.778

Rectangle

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



55, 11.490, 140.607



55, 11.490, 190.607



55, 11.490, 320.607



55, 11.490, 10.607

Sweetspot

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



55, 11.491, 140.608



71, 4.510, 141.072



56, 8.449, 102.822



37, 3.232, 141.032



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, 11.491, 140.608



69, 17.038, 140.449



55, 9.169, 156.226



28, 5.230, 140.792



48, 72.939, 135.247



1, 2.420, 141.218

Inverse Universe

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



52, 11.538, 321.778



65, 17.115, 321.911



52, 9.245, 337.975



27, 5.249, 321.617



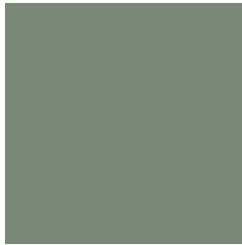
28, 71.697, 323.814



0, 2.420, 321.214

Previews

White Background



This preview shows how the CIELCh color 55, 11.490, 140.607 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, 11.490, 140.607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

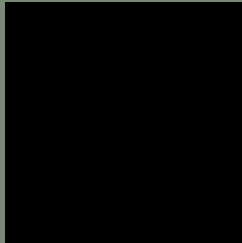
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

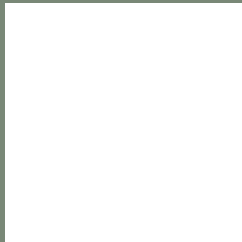
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 11.490, 140.607

Background



This preview shows how black text looks on a background with the CIELCh color 55, 11.490, 140.607.



This preview shows how white text looks on a background with the CIELCh color 55, 11.490, 140.607.

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, 11.490, 140.607

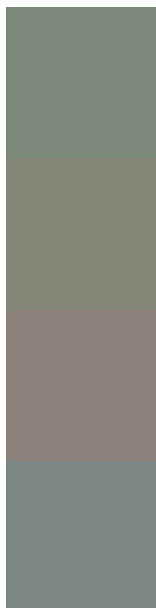
Protanopia
55, 8.928, 92.924

Deuteranopia
55, 9.379, 41.582



Tritanopia
55, 6.794, 268.119

Trichromacy



Original Color
55, 11.490, 140.607

Protanomaly
55, 9.181, 114.186

Deuteranomaly
55, 6.596, 79.554

Tritanomaly
55, 3.892, 207.632

Monochromacy



Original Color
55, 11.490, 140.607

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 3.999, 139.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 11.490, 140.607 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(121, 136, 119)` looks like.

```
.text, #text, p{  
    color:rgb(121, 136, 119)  
}
```

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(121, 136, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 136, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 11.490, 140.607 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(121, 136, 119) }
```

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

```
.border{ border-color:rgb(121, 136, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 136, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 136, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 136, 119);  
box-shadow:4px 4px 4px 4px rgb(121, 136,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 11.490, 140.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 136, 119) }
```

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

```
.background{ background-color: rgb(121,  
136, 119) }
```

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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