

Converting Colors

CIELCh(55, 10.853, 159.345)

Have a look what the booklet for
CIELCh(55, 10.853, 159.345)
contains.

CIELCh(55, 11.101, 160.015)	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, 11.101, 160.015)

Conversions

Conversions Part 1

Format	Color
Hex	73897D
RGB	115, 137, 125
RGB Percent	45%, 54%, 49%
CMY	0.5499, 0.4636, 0.5107
CMYK	0.16, 0.00, 0.09, 0.46
HSL	147°, 9%, 49%
HSV	147°, 16%, 54%
XYZ	19.6404, 22.9298, 22.7165
YIQ	129.0540, -9.2600, -8.3960

Conversions

Conversions Part 2

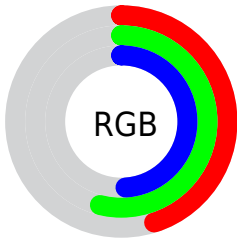
Format	Color
R_{YB}	115, 130, 137
Decimal	7571837
CIE Lab	55.00, -10.43, 3.79
CIE LCh	55, 11.101, 160.015
Yxy	22.9298, 0.3008, 0.3512
Android (android.graphics.Color)	4285761917 (0xFF73897D)
YUV	129.0540, -1.9986, -12.3254
Hunter-Lab	47.8851, -10.5860, 5.3927

Details

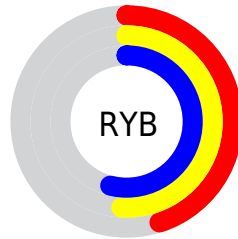
The CIELCh color $55, 11.101, 160.015$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $51, 11.279, 342.532$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 10.736, 161.534$, and $35, 10.966, 159.265$ is the 20% darker color. If you saturate the color by 10%, you get $54, 17.965, 159.077$, and if you desaturate by 10%, it is $56, 4.190, 160.886$.

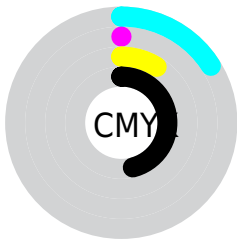
Distribution



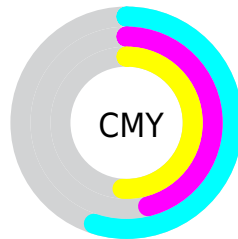
- Red (45%)
- Green (54%)
- Blue (49%)



- Red (45%)
- Yellow (51%)
- Blue (54%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (46%)





- Cyan (55%)
- Magenta (46%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 11.101, 160.015 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, 11.101, 160.015 by changing the saturation by 10% instead.


 55, 11.101,
160.015


 55, 11.101,
160.015


 100, 11.101,
160.015


 45, 11.101,
160.015


 75, 11.101,
160.015

 35, 11.101,
160.015

 85, 11.101,
160.015

 25, 11.101,
160.015

 95, 11.101,
160.015

 15, 11.101,
160.015

 5, 11.101, 160.015

 0, 11.101, 160.015

■ 55, 11.101,
160.015

■ 55, 11.101,
160.015

■ 54, 17.965,
159.077

■ 56, 4.190, 160.886

■ 53, 24.688,
158.031

■ 58, 2.696, 341.454

■ 52, 31.165,
156.852

■ 59, 9.499, 342.212

■ 51, 37.287,
155.516

■ 60, 16.176,
342.847

■ 51, 42.943,
154.003

■ 62, 22.697,
343.426

■ 50, 48.044,
152.296

■ 64, 29.044,
343.960


■ 50, 52.533,
150.392


■ 66, 35.206,
344.458

■ 50, 56.432,

■ 67, 41.181,
344.923

148.338

 69, 46.968,
345.361

 50, 57.894,
147.580

Harmonies

Complementary

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



55, 11.101, 160.015



51, 11.279, 342.532

Rectangle

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



55, 11.101, 160.015



55, 11.101, 210.015



55, 11.101, 340.015



55, 11.101, 30.015

Sweetspot

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



55, 11.102, 160.013



72, 4.279, 160.975



56, 13.184, 126.578



37, 2.909, 160.919



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, 11.102, 160.013



70, 16.297, 159.711



55, 8.356, 194.265



28, 3.914, 160.616



48, 56.523, 147.653



1, 1.817, 161.286

Inverse Universe

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



51, 11.279, 342.532



64, 16.607, 342.826



50, 9.151, 16.452



27, 3.953, 341.940



28, 52.901, 356.632



0, 1.817, 341.277

Previews

White Background



This preview shows how the CIE LCh color 55, 11.101, 160.015 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, 11.101, 160.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

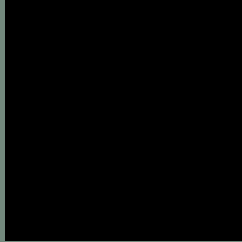
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

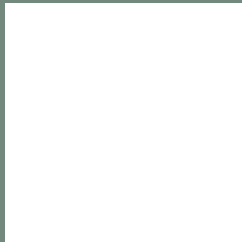
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 11.101, 160.015

Background



This preview shows how black text looks on a background with the CIELCh color 55, 11.101, 160.015.



This preview shows how white text looks on a background with the CIELCh color 55, 11.101, 160.015.

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](#).

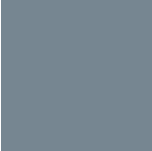
Dichromacy



Original Color
55, 11.101, 160.015

Protanopia
55, 5.529, 87.894

Deuteranopia
55, 7.732, 20.188



Tritanopia
55, 8.524, 247.063

Trichromacy



Original Color
55, 11.101, 160.015

Protanomaly
55, 6.084, 128.765

Deuteranomaly
55, 3.271, 80.307

Tritanomaly
55, 6.958, 213.201

Monochromacy



Original Color
55, 11.101, 160.015

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 4.298, 157.119

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 11.101, 160.015 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(115, 137, 125)` looks like.

```
.text, #text, p{  
    color:rgb(115, 137, 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(115, 137, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 137, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 11.101, 160.015 is called "border". The border property can be set on classes, ids or directly on the HTML element.

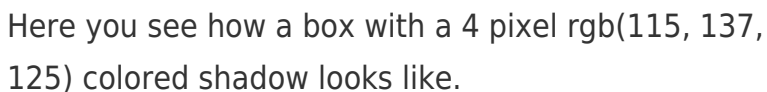
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 137, 125) }
```

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

```
.border{ border-color:rgb(115, 137, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 137, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 137, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 137, 125);  
box-shadow:4px 4px 4px 4px rgb(115, 137,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 11.101, 160.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 137, 125) }
```

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

```
.background{ background-color: rgb(115,  
137, 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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