

Converting Colors

CIELCh(55, 15.890, 142.355)

Have a look what the booklet for
CIELCh(55, 15.890, 142.355)
contains.

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Color

CIELCh(55, 15.224, 142.332)

Conversions

Conversions Part 1

Format	Color
Hex	748973
RGB	116, 137, 115
RGB Percent	45%, 54%, 45%
CMY	0.5442, 0.4618, 0.5481
CMYK	0.15, 0.00, 0.16, 0.46
HSL	117°, 9%, 50%
HSV	117°, 16%, 54%
XYZ	19.3196, 22.9298, 19.6961
YIQ	128.2130, -5.4540, -11.2940

Conversions

Conversions Part 2

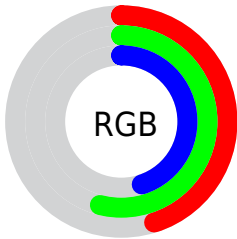
Format	Color
RYB	115, 137, 136
Decimal	7637363
CIELab	55.00, -12.05, 9.30
CIElCh	55, 15.224, 142.332
Yxy	22.9298, 0.3119, 0.3702
Android (android.graphics.Color)	4285827443 (0xFF748973)
YUV	128.2130, -6.5140, -10.7108
Hunter-Lab	47.8851, -11.7818, 9.1324

Details

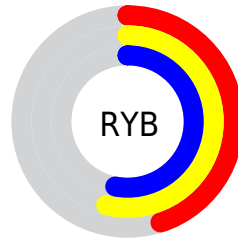
The CIELCh color `55, 15.224, 142.332` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `51, 15.260, 324.013`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `75, 14.971, 142.612`, and `35, 15.001, 141.830` is the 20% darker color. If you saturate the color by 10%, you get `54, 24.766, 141.644`, and if you desaturate by 10%, it is `56, 5.696, 142.942`.

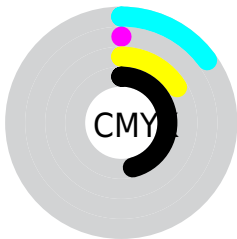
Distribution



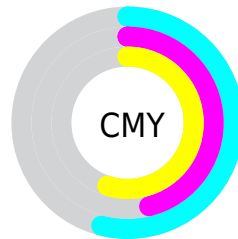
- Red (45%)
- Green (54%)
- Blue (45%)



- Red (45%)
- Yellow (54%)
- Blue (53%)



- Cyan (15%)
- Magenta (0%)
- Yellow (16%)
- Black (46%)





- Cyan (54%)
- Magenta (46%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 15.224, 142.332 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, 15.224, 142.332 by changing the saturation by 10% instead.


 55, 15.224,
142.332


 55, 15.224,
142.332


 100, 15.224,
142.332


 45, 15.224,
142.332


 75, 15.224,
142.332

 35, 15.224,
142.332

 85, 15.224,
142.332

 25, 15.224,
142.332

 95, 15.224,
142.332

 15, 15.224,
142.332

 5, 15.224, 142.332

 0, 15.224, 142.332

■ 55, 15.224,
142.332

■ 55, 15.224,
142.332

■ 54, 24.766,
141.644

■ 56, 5.696, 142.942

■ 53, 34.178,
140.858

■ 58, 3.719, 323.362

■ 52, 43.277,
139.977

■ 59, 12.950,
323.827

■ 51, 51.827,
139.024

■ 61, 21.950,
324.198

■ 51, 59.536,
138.049

■ 63, 30.691,
324.510

■ 50, 66.052,
137.144

■ 65, 39.160,
324.776


■ 50, 71.008,
136.430


■ 67, 47.354,
325.003

■ 50, 74.216,

■ 69, 55.276,
325.197

135.976

 71, 62.936,
325.363

 49, 75.287,
135.747

Harmonies

Complementary

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



55, 15.224, 142.332



51, 15.260, 324.013

Rectangle

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



55, 15.224, 142.332



55, 15.224, 192.332



55, 15.224, 322.332



55, 15.224, 12.332

Sweetspot

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



55, 15.225, 142.332



72, 5.842, 142.998



56, 11.883, 106.543



37, 3.973, 142.961



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, 15.225, 142.332



70, 22.382, 142.110



55, 11.140, 159.793



28, 5.352, 142.757



48, 73.423, 135.736



1, 2.475, 143.224

Inverse Universe

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



51, 15.260, 324.013



64, 22.435, 324.184



51, 11.313, 342.295



27, 5.365, 323.659



30, 71.276, 326.495



0, 2.475, 323.220

Previews

White Background



This preview shows how the CIELCh color 55, 15.224, 142.332 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, 15.224, 142.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

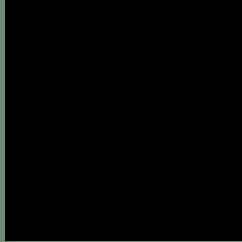
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 15.224, 142.332

Background



This preview shows how black text looks on a background with the CIELCh color 55, 15.224, 142.332.



This preview shows how white text looks on a background with the CIELCh color 55, 15.224, 142.332.

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

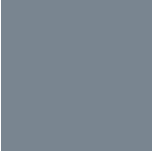
55, 15.224, 142.332

Protanopia

55, 11.250, 93.696

Deuteranopia

55, 10.904, 51.662



Tritanopia
55, 7.646, 255.153

Trichromacy



Original Color
55, 15.224, 142.332

Protanomaly
55, 11.492, 114.982

Deuteranomaly
55, 8.928, 92.924

Tritanomaly
55, 6.171, 193.488

Monochromacy



Original Color
55, 15.224, 142.332

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 5.408, 140.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 15.224, 142.332 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(116, 137, 115)` looks like.

```
.text, #text, p{  
    color:rgb(116, 137, 115)  
}
```

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(116, 137, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 137, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 15.224, 142.332 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(116, 137, 115) }
```

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

```
.border{ border-color:rgb(116, 137, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 137, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 137, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 137, 115);  
box-shadow:4px 4px 4px 4px rgb(116, 137,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 15.224, 142.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 137, 115) }
```

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

```
.background{ background-color: rgb(116,  
137, 115) }
```

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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