

Converting Colors

CIELCh(55, 15.042, 144.516)

Have a look what the booklet for
CIELCh(55, 15.042, 144.516)
contains.

CIELCh(55, 14.980, 144.717)	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, 14.980, 144.717)

Conversions

Conversions Part 1

Format	Color
Hex	738974
RGB	115, 137, 116
RGB Percent	45%, 54%, 45%
CMY	0.5477, 0.4613, 0.5437
CMYK	0.16, 0.00, 0.15, 0.46
HSL	123°, 9%, 50%
HSV	123°, 16%, 54%
XYZ	19.2846, 22.9298, 20.0379
YIQ	128.0280, -6.3710, -11.1950

Conversions

Conversions Part 2

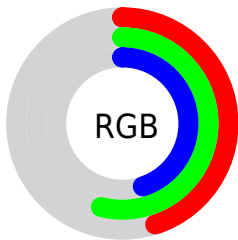
Format	Color
R_{YB}	115, 136, 137
Decimal	7571828
CIE Lab	55.00, -12.23, 8.65
CIE LCh	55, 14.980, 144.717
Yxy	22.9298, 0.3098, 0.3683
Android (android.graphics.Color)	4285761908 (0xFF738974)
YUV	128.0280, -5.9298, -11.4256
Hunter-Lab	47.8851, -11.9122, 8.7093

Details

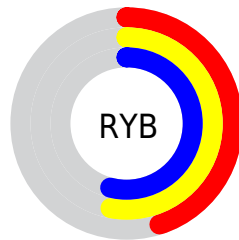
The CIELCh color **55, 14.980, 144.717** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **51, 15.000, 326.532**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 14.741, 144.909**, and **35, 14.736, 144.425** is the 20% darker color. If you saturate the color by 10%, you get **54, 24.376, 143.969**, and if you desaturate by 10%, it is **56, 5.597, 145.376**.

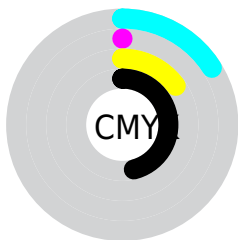
Distribution



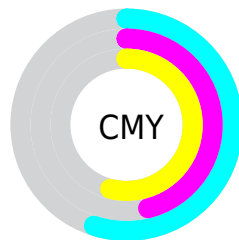
- Red (45%)
- Green (54%)
- Blue (45%)



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



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



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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 14.980, 144.717 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, 14.980, 144.717 by changing the saturation by 10% instead.

 55, 14.980,
144.717


 55, 14.980,
144.717

 100, 14.980,
144.717


 45, 14.980,
144.717


 75, 14.980,
144.717

 35, 14.980,
144.717

 85, 14.980,
144.717

 25, 14.980,
144.717

 95, 14.980,
144.717

 15, 14.980,
144.717

 5, 14.980, 144.717

 0, 14.980, 144.717

■ 55, 14.980,
144.717

■ 55, 14.980,
144.717

■ 54, 24.376,
143.969

■ 56, 5.597, 145.376

■ 53, 33.638,
143.106

■ 58, 3.673, 325.828

■ 52, 42.587,
142.121

■ 59, 12.754,
326.331

■ 51, 50.998,
141.024

■ 61, 21.598,
326.734

■ 50, 58.605,
139.848

■ 63, 30.177,
327.076

■ 50, 65.108,
138.661

■ 65, 38.478,
327.370

■ 50, 70.195,
137.572

■ 67, 46.497,
327.624

■ 50, 73.634,

■ 69, 54.239,
327.844

136.735

71, 61.714,
328.036

50, 74.660,
136.538

Harmonies

Complementary

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



55, 14.980, 144.717



51, 15.000, 326.532

Rectangle

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



55, 14.980, 144.717



55, 14.980, 194.717



55, 14.980, 324.717



55, 14.980, 14.717

Sweetspot

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



55, 14.981, 144.717



72, 5.748, 145.436



57, 12.488, 110.076



37, 3.909, 145.396



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, 14.981, 144.717



70, 22.025, 144.475



55, 10.471, 164.149



28, 5.266, 145.175



48, 72.738, 136.560



1, 2.435, 145.680

Inverse Universe

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



51, 15.000, 326.532



64, 22.048, 326.719



51, 10.713, 346.836



27, 5.276, 326.148



31, 68.698, 330.068



0, 2.435, 325.675

Previews

White Background



This preview shows how the CIE LCh color 55, 14.980, 144.717 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, 14.980, 144.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

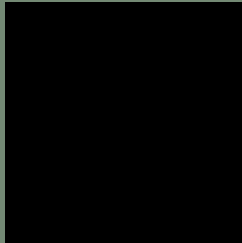
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

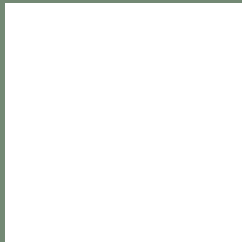
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 14.980, 144.717

Background



This preview shows how black text looks on a background with the CIELCh color 55, 14.980, 144.717.



This preview shows how white text looks on a background with the CIELCh color 55, 14.980, 144.717.

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](#).

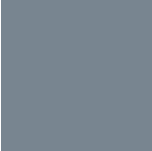
Dichromacy



Original Color
55, 14.980, 144.717

Protanopia
55, 10.698, 93.006

Deuteranopia
55, 10.291, 46.493



Tritanopia
55, 7.854, 252.955

Trichromacy



Original Color
55, 14.980, 144.717

Protanomaly
55, 10.927, 115.357

Deuteranomaly
55, 7.831, 90.821

Tritanomaly
55, 6.541, 193.747

Monochromacy



Original Color
55, 14.980, 144.717

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 5.163, 147.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 14.980, 144.717 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, 116)` looks like.

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

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, 116) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 55, 14.980, 144.717 is called "border". The border property can be set on classes, ids or directly on the HTML element.

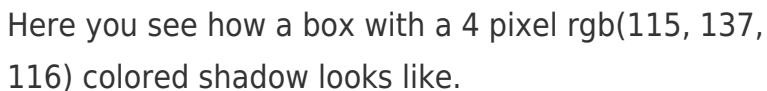
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 137, 116) }
```

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

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

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, 116)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 55, 14.980, 144.717 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, 116) }
```

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

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

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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