

Converting Colors

CIELCh(55, 13.896, 332.825)

Have a look what the booklet for
CIELCh(55, 13.896, 332.825)
contains.

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Color

CIELCh(55, 13.715, 332.090)

Conversions

Conversions Part 1

Format	Color
Hex	947D8F
RGB	148, 125, 143
RGB Percent	58%, 49%, 56%
CMY	0.4198, 0.5100, 0.4394
CMYK	0.00, 0.16, 0.03, 0.42
HSL	313°, 10%, 54%
HSV	313°, 16%, 58%
XYZ	24.4873, 22.9298, 29.1043
YIQ	133.9290, 7.9300, 10.4740

Conversions

Conversions Part 2

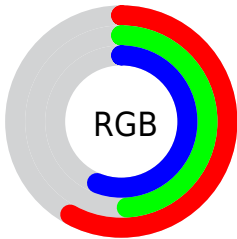
Format	Color
RYB	148, 125, 143
Decimal	9731471
CIELab	55.00, 12.12, -6.42
CIELCh	55, 13.715, 332.090
Yxy	22.9298, 0.3200, 0.2997
Android (android.graphics.Color)	4287921551 (0xFF947D8F)
YUV	133.9290, 4.4720, 12.3403
Hunter-Lab	47.8851, 7.4818, -2.5165

Details

The CIELCh color $55, 13.715, 332.090$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 13.659, 150.122$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 13.573, 331.542$, and $35, 13.790, 331.450$ is the 20% darker color. If you saturate the color by 10%, you get $51, 22.596, 332.751$, and if you desaturate by 10%, it is $59, 4.860, 331.430$.

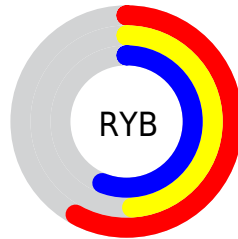
Distribution



Red (58%)

Green (49%)

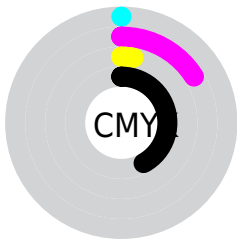
Blue (56%)



Red (58%)

Yellow (49%)

Blue (56%)

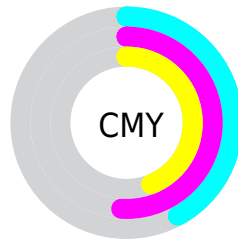


Cyan (0%)

Magenta (16%)

Yellow (3%)

Black (42%)



Cyan (42%)


Magenta (51%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 13.715, 332.090 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, 13.715, 332.090 by changing the saturation by 10% instead.


 55, 13.715,
332.090


 55, 13.715,
332.090


 100, 13.715,
332.090


 45, 13.715,
332.090


 75, 13.715,
332.090


 35, 13.715,
332.090


 85, 13.715,
332.090

 25, 13.715,
332.090

 95, 13.715,
332.090

 15, 13.715,
332.090

 5, 13.715, 332.090

 0, 13.715, 332.090

■ 55, 13.715,
332.090

■ 55, 13.715,
332.090

■ 51, 22.596,
332.751

■ 59, 4.860, 331.430

■ 47, 31.349,
333.434

■ 63, 3.859, 150.947

■ 44, 39.742,
334.142

■ 67, 12.380,
150.329

■ 41, 47.470,
334.882

■ 72, 20.670,
149.776

■ 38, 54.166,
335.665

■ 76, 28.715,
149.256

■ 36, 59.446,
336.510

■ 80, 36.513,
148.765


■ 34, 62.995,
337.446


■ 84, 44.071,
148.301

■ 33, 64.731,

■ 89, 51.400,
147.865

338.510

 92, 56.761,
147.754

 33, 65.288,
338.999

Harmonies

Complementary

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



55, 13.715, 332.090



59, 13.659, 150.122

Rectangle

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



55, 13.715, 332.090



55, 13.715, 22.090



55, 13.715, 152.090



55, 13.715, 202.090

Sweetspot

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



55, 13.713, 332.091



75, 5.404, 331.399



54, 13.468, 299.724



39, 3.717, 331.444



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55, 13.713, 332.091



68, 20.699, 332.342



55, 9.981, 358.590



29, 4.964, 331.677



31, 62.022, 338.914



1, 4.314, 331.141

Inverse Universe

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



55, 13.713, 332.091



68, 20.699, 332.342



59, 9.532, 175.747



29, 4.964, 331.677



31, 62.022, 338.914



1, 4.314, 331.141

Previews

White Background



This preview shows how the CIELCh color 55, 13.715, 332.090 looks on a white background.

Color Contrast Check

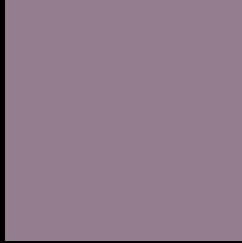
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.715, 332.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

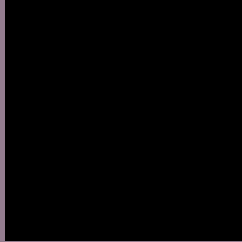
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 13.715, 332.090

Background



This preview shows how black text looks on a background with the CIELCh color 55, 13.715, 332.090.



This preview shows how white text looks on a background with the CIELCh color 55, 13.715, 332.090.

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, 13.715, 332.090

Protanopia

55, 9.196, 288.949

Deuteranopia

55, 9.340, 320.916



Tritanopia
55, 10.138, 346.137

Trichromacy



Original Color
55, 13.715, 332.090

Protanomaly
55, 10.283, 308.553

Deuteranomaly
55, 10.675, 326.757

Tritanomaly
55, 11.163, 338.776

Monochromacy



Original Color
55, 13.715, 332.090

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 4.686, 332.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 13.715, 332.090 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(148, 125, 143)` looks like.

```
.text, #text, p{  
    color:rgb(148, 125, 143)  
}
```

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(148, 125, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 125, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 13.715, 332.090 is called "border". The border property can be set on classes, ids or directly on the HTML element.

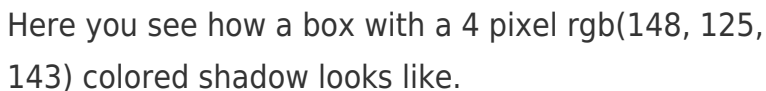
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 125, 143) }
```

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

```
.border{ border-color:rgb(148, 125, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(148, 125, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 125, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 125, 143); box-shadow:4px 4px 4px 4px rgb(148, 125, 143) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 13.715, 332.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 125, 143) }
```

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

```
.background{ background-color: rgb(148,  
125, 143) }
```

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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