

Converting Colors

CIELCh(55, 14.042, 333.548)

Have a look what the booklet for
CIELCh(55, 14.042, 333.548)
contains.

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Color

CIELCh(55, 13.972, 333.355)

Conversions

Conversions Part 1

Format	Color
Hex	957D8F
RGB	149, 125, 143
RGB Percent	58%, 49%, 56%
CMY	0.4169, 0.5109, 0.4404
CMYK	0.00, 0.16, 0.04, 0.42
HSL	315°, 10%, 54%
HSV	315°, 16%, 58%
XYZ	24.5725, 22.9298, 29.0001
YIQ	134.2280, 8.5260, 10.6860

Conversions

Conversions Part 2

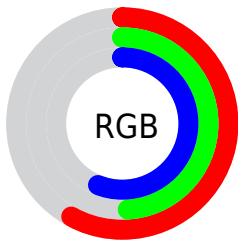
Format	Color
R_{YB}	149, 125, 143
Decimal	9797007
CIE Lab	55.00, 12.49, -6.27
CIE LCh	55, 13.972, 333.355
Yxy	22.9298, 0.3212, 0.2997
Android (android.graphics.Color)	4287987087 (0xFF957D8F)
YUV	134.2280, 4.3246, 12.9550
Hunter-Lab	47.8851, 7.7993, -2.3876

Details

The CIELCh color $55, 13.972, 333.355$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 13.900, 151.247$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 13.816, 332.739$, and $35, 14.057, 332.852$ is the 20% darker color. If you saturate the color by 10%, you get $51, 22.693, 334.046$, and if you desaturate by 10%, it is $59, 5.276, 332.675$.

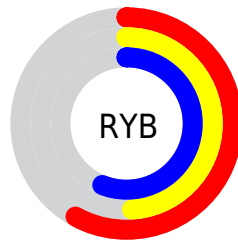
Distribution



Red (58%)

Green (49%)

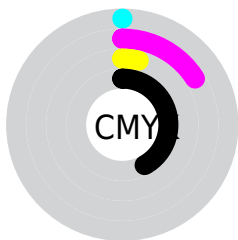
Blue (56%)



Red (58%)

Yellow (49%)

Blue (56%)

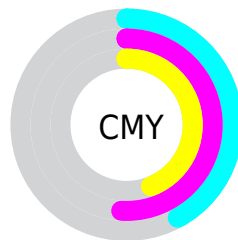


Cyan (0%)

Magenta (16%)

Yellow (4%)

Black (42%)



Cyan (42%)


Magenta (51%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 13.972, 333.355 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, 13.972, 333.355 by changing the saturation by 10% instead.


 55, 13.972,
333.355


 55, 13.972,
333.355


 100, 13.972,
333.355


 45, 13.972,
333.355


 75, 13.972,
333.355

 35, 13.972,
333.355

 85, 13.972,
333.355

 25, 13.972,
333.355

 95, 13.972,
333.355

 15, 13.972,
333.355

 5, 13.972, 333.355

 0, 13.972, 333.355

55, 13.972,
333.355

55, 13.972,
333.355

51, 22.693,
334.046

59, 5.276, 332.675

47, 31.283,
334.768

63, 3.286, 152.184

44, 39.509,
335.527

67, 11.652,
151.539

41, 47.065,
336.336

72, 19.789,
150.972

38, 53.579,
337.211

76, 27.685,
150.440

36, 58.667,
338.180

80, 35.337,
149.939

34, 62.015,
339.284


85, 42.753,
149.467

33, 63.582,

89, 49.943,
149.022

340.564

 92, 54.926,
148.998

 33, 64.033,
341.076

Harmonies

Complementary

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



55, 13.972, 333.355



59, 13.900, 151.247

Rectangle

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



55, 13.972, 333.355



55, 13.972, 23.355



55, 13.972, 153.355



55, 13.972, 203.355

Sweetspot

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



55, 13.970, 333.356



76, 5.336, 332.600



54, 14.074, 300.374



39, 3.632, 332.646



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, 13.970, 333.356



69, 20.450, 333.578



55, 10.340, 359.844



29, 4.850, 332.887



30, 60.617, 340.964



1, 4.213, 332.336

Inverse Universe

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



55, 13.970, 333.356



69, 20.450, 333.578



60, 9.830, 176.880



29, 4.850, 332.887



30, 60.617, 340.964



1, 4.213, 332.336

Previews

White Background



This preview shows how the CIELCh color 55, 13.972, 333.355 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, 13.972, 333.355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

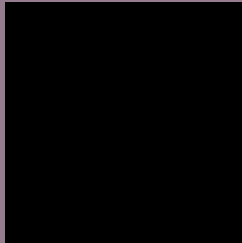
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 13.972, 333.355

Background



This preview shows how black text looks on a background with the CIELCh color 55, 13.972, 333.355.



This preview shows how white text looks on a background with the CIELCh color 55, 13.972, 333.355.

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, 13.972, 333.355

Protanopia

55, 9.196, 288.949

Deuteranopia

55, 9.340, 320.916



Tritanopia
55, 10.470, 347.438

Trichromacy



Original Color
55, 13.972, 333.355

Protanomaly
55, 9.738, 309.541

Deuteranomaly
55, 10.675, 326.757

Tritanomaly
55, 11.109, 342.437

Monochromacy



Original Color
55, 13.972, 333.355

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, 13.972, 333.355 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(149, 125, 143)` looks like.

```
.text, #text, p{  
    color:rgb(149, 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(149, 125, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 125, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 13.972, 333.355 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(149, 125, 143) }
```

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

```
.border{ border-color:rgb(149, 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(149, 125, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 125, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 125, 143);  
box-shadow:4px 4px 4px 4px rgb(149, 125,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 13.972, 333.355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 125, 143) }
```

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

```
.background{ background-color: rgb(149,  
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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