

Converting Colors

CIELCh(55, 24.469, 333.358)

Have a look what the booklet for
CIELCh(55, 24.469, 333.358)
contains.

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Color

CIELCh(55, 24.374, 333.590)

Conversions

Conversions Part 1

Format	Color
Hex	A17797
RGB	161, 119, 151
RGB Percent	63%, 47%, 59%
CMY	0.3694, 0.5341, 0.4086
CMYK	0.00, 0.26, 0.06, 0.37
HSL	314°, 18%, 55%
HSV	314°, 26%, 63%
XYZ	26.7986, 22.9298, 32.2049
YIQ	135.2060, 14.7600, 18.8560

Conversions

Conversions Part 2

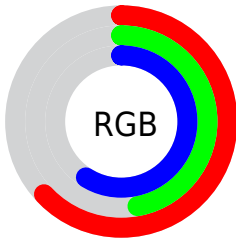
Format	Color
R_{YB}	161, 119, 151
Decimal	10581911
CIE _{Lab}	55.00, 21.83, -10.84
CIE _{LCh}	55, 24.374, 333.590
Yxy	22.9298, 0.3271, 0.2799
Android (android.graphics.Color)	4288771991 (0xFFA17797)
YUV	135.2060, 7.7864, 22.6213
Hunter-Lab	47.8851, 16.0975, -6.3556

Details

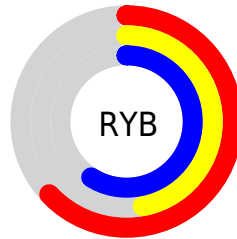
The CIELCh color $55, 24.374, 333.590$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $62, 24.225, 149.974$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 23.958, 333.685$, and $35, 24.353, 333.896$ is the 20% darker color. If you saturate the color by 10%, you get $51, 33.594, 334.303$, and if you desaturate by 10%, it is $59, 15.000, 332.906$.

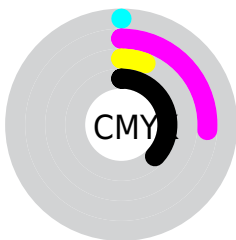
Distribution



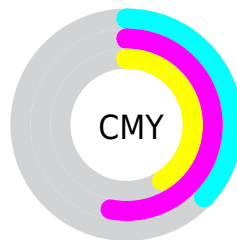
- Red (63%)
- Green (47%)
- Blue (59%)



- Red (63%)
- Yellow (47%)
- Blue (59%)



- Cyan (0%)
- Magenta (26%)
- Yellow (6%)
- Black (37%)





- Cyan (37%)
- Magenta (53%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 24.374, 333.590 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, 24.374, 333.590 by changing the saturation by 10% instead.


 55, 24.374,
333.590


 55, 24.374,
333.590


 100, 24.374,
333.590


 45, 24.374,
333.590


 75, 24.374,
333.590

 35, 24.374,
333.590

 85, 24.374,
333.590

 25, 24.374,
333.590

 95, 24.374,
333.590

 15, 24.374,
333.590

 5, 24.374, 333.590

 0, 24.374, 333.590

55, 24.374,
333.590

55, 24.374,
333.590

51, 33.594,
334.303

59, 15.000,
332.906

47, 42.415,
335.050

63, 5.654, 332.229

44, 50.498,
335.841

68, 3.550, 151.737

41, 57.441,
336.690

72, 12.545,
151.095

39, 62.831,
337.625

77, 21.293,
150.530

37, 66.336,
338.683

81, 29.780,
149.999

36, 67.898,
339.907

86, 38.004,
149.498

36, 68.303,

91, 45.973,
149.027

340.403

 93, 48.833,
149.582

Harmonies

Complementary

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



55, 24.374, 333.590



62, 24.225, 149.974

Rectangle

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



55, 24.374, 333.590



55, 24.374, 23.590



55, 24.374, 153.590



55, 24.374, 203.590

Sweetspot

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



55, 24.372, 333.591



80, 9.179, 332.371



52, 24.735, 301.200



41, 6.517, 332.468



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



55, 24.372, 333.591



68, 35.801, 333.977



54, 18.192, 1.058



32, 5.309, 332.447



32, 63.523, 340.273



1, 7.903, 333.908

Inverse Universe

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



55, 24.372, 333.591



68, 35.801, 333.977



63, 16.717, 175.859



32, 5.309, 332.447



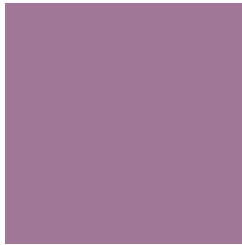
32, 63.523, 340.273



1, 7.903, 333.908

Previews

White Background



This preview shows how the CIELCh color 55, 24.374, 333.590 looks on a white background.

Color Contrast Check

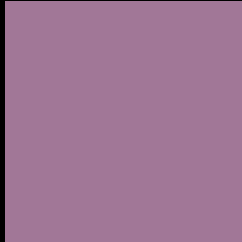
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.374, 333.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

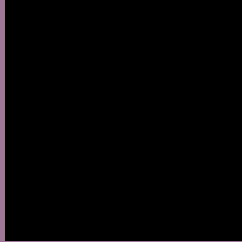
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 24.374, 333.590

Background



This preview shows how black text looks on a background with the CIELCh color 55, 24.374, 333.590.



This preview shows how white text looks on a background with the CIELCh color 55, 24.374, 333.590.

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, 24.374, 333.590

Protanopia

55, 16.138, 285.730

Deuteranopia

55, 12.605, 307.212



Tritanopia
55, 15.620, 359.836

Trichromacy



Original Color
55, 24.374, 333.590

Protanomaly
55, 17.338, 306.944

Deuteranomaly
55, 16.512, 320.727

Tritanomaly
55, 18.227, 347.240

Monochromacy



Original Color
55, 24.374, 333.590

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 9.075, 331.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 24.374, 333.590 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(161, 119, 151)` looks like.

```
.text, #text, p{  
    color:rgb(161, 119, 151)  
}
```

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(161, 119, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 119, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 24.374, 333.590 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(161, 119, 151) }
```

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

```
.border{ border-color:rgb(161, 119, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 119, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 119, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 119, 151);  
box-shadow:4px 4px 4px 4px rgb(161, 119,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 24.374, 333.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 119, 151) }
```

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

```
.background{ background-color: rgb(161,  
119, 151) }
```

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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