

Converting Colors

CIELCh(55, 10.336, 0.051)

Have a look what the booklet for
CIELCh(55, 10.336, 0.051) contains.

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Color

CIELCh(55, 10.257, 1.036)

Conversions

Conversions Part 1

Format	Color
Hex	967E84
RGB	150, 126, 132
RGB Percent	59%, 49%, 52%
CMY	0.4133, 0.5073, 0.4838
CMYK	0.00, 0.16, 0.12, 0.41
HSL	345°, 10%, 54%
HSV	345°, 16%, 59%
XYZ	24.0594, 22.9298, 24.8534
YIQ	133.8600, 12.3780, 6.9540

Conversions

Conversions Part 2

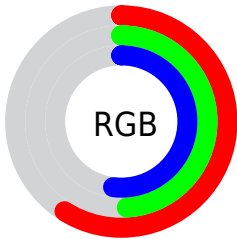
Format	Color
RYB	150, 126, 132
Decimal	9862788
CIELab	55.00, 10.26, 0.19
CIELCh	55, 10.257, 1.036
Yxy	22.9298, 0.3349, 0.3192
Android (android.graphics.Color)	4288052868 (0xFF967E84)
YUV	133.8600, -0.9170, 14.1548
Hunter-Lab	47.8851, 5.8864, 2.7468

Details

The CIELCh color $55, 10.257, 1.036$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 9.724, 178.108$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 9.976, 1.388$, and $35, 10.331, 0.004$ is the 20% darker color. If you saturate the color by 10%, you get $51, 16.995, 2.241$, and if you desaturate by 10%, it is $59, 3.773, 359.963$.

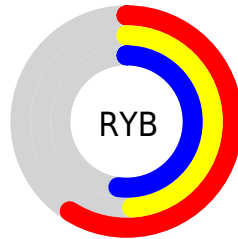
Distribution



Red (59%)

Green (49%)

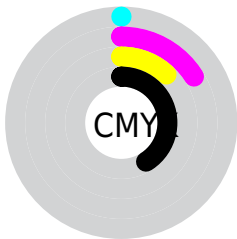
Blue (52%)



Red (59%)

Yellow (49%)

Blue (52%)

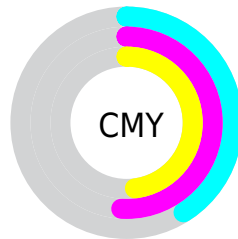


Cyan (0%)

Magenta (16%)

Yellow (12%)

Black (41%)



Cyan (41%)

Magenta (51%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 10.257, 1.036 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, 10.257, 1.036 by changing the saturation by 10% instead.

 55, 10.257, 1.036  55, 10.257, 1.036

 100, 10.257, 1.036  45, 10.257, 1.036

 75, 10.257, 1.036  35, 10.257, 1.036

 85, 10.257, 1.036  25, 10.257, 1.036

 95, 10.257, 1.036  15, 10.257, 1.036

 5, 10.257, 1.036

 0, 10.257, 1.036

 55, 10.257, 1.036  55, 10.257, 1.036

 51, 16.995, 2.241  59, 3.773, 359.963

 47, 23.914, 3.655  64, 2.418, 179.354

43, 30.876, 5.367

68, 8.308, 178.462

40, 37.679, 7.479

73, 13.907,
177.752

37, 44.058, 10.125

77, 19.232,
177.123

34, 49.737, 13.458

32, 54.526, 17.608

81, 24.304,
176.556

31, 58.486, 22.535

86, 29.147,
176.041

31, 60.091, 24.441

90, 33.782,
175.568

93, 35.698,
178.217

Harmonies

Complementary

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



55, 10.257, 1.036



60, 9.724, 178.108

Rectangle

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



55, 10.257, 1.036



55, 10.257, 51.036



55, 10.257, 181.036



55, 10.257, 231.036

Sweetspot

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



55, 10.255, 1.042



76, 3.855, 359.856



55, 15.465, 317.956



39, 2.626, 359.929



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, 10.255, 1.042



68, 15.118, 1.424



56, 8.140, 44.738



29, 3.526, 0.304



28, 56.393, 23.974



1, 3.022, 359.518

Inverse Universe

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



55, 10.255, 1.042



68, 15.118, 1.424



58, 7.399, 226.377



29, 3.526, 0.304



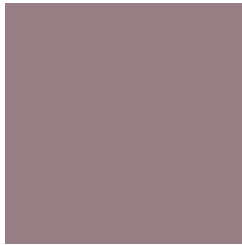
28, 56.393, 23.974



1, 3.022, 359.518

Previews

White Background



This preview shows how the CIELCh color 55, 10.257, 1.036 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, 10.257, 1.036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

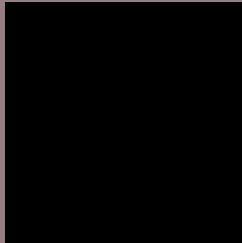
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 10.257, 1.036

Background



This preview shows how black text looks on a background with the CIELCh color 55, 10.257, 1.036.



This preview shows how white text looks on a background with the CIELCh color 55, 10.257, 1.036.

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, 10.257, 1.036

Protanopia

55, 2.443, 309.156

Deuteranopia

55, 7.052, 6.071



Tritanopia
55, 11.513, 350.921

Trichromacy



Original Color
55, 10.257, 1.036

Protanomaly
55, 4.913, 344.163

Deuteranomaly
55, 8.378, 4.480

Tritanomaly
55, 11.261, 353.486

Monochromacy



Original Color
55, 10.257, 1.036

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 3.981, 354.182

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 10.257, 1.036 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(150, 126, 132)` looks like.

```
.text, #text, p{  
    color:rgb(150, 126, 132)  
}
```

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(150, 126, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 126, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 10.257, 1.036 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(150, 126, 132) }
```

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

```
.border{ border-color:rgb(150, 126, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 126, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 126, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 126, 132);  
box-shadow:4px 4px 4px 4px rgb(150, 126,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 10.257, 1.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 126, 132) }
```

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

```
.background{ background-color: rgb(150,  
126, 132) }
```

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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