

Converting Colors

CIELCh(55, 12.319, 42.731)

Have a look what the booklet for
CIELCh(55, 12.319, 42.731) contains.

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Color

CIELCh(55, 12.275, 42.208)

Conversions

Conversions Part 1

Format	Color
Hex	997E76
RGB	153, 126, 118
RGB Percent	60%, 49%, 46%
CMY	0.4008, 0.5066, 0.5380
CMYK	0.00, 0.18, 0.23, 0.40
HSL	14°, 15%, 53%
HSV	14°, 23%, 60%
XYZ	23.7949, 22.9298, 20.2532
YIQ	133.1610, 18.6600, 3.2360

Conversions

Conversions Part 2

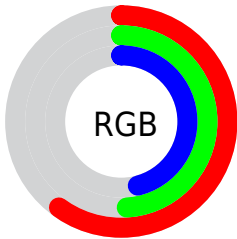
Format	Color
R_{YB}	153, 128, 118
Decimal	10059382
CIE Lab	55.00, 9.09, 8.25
CIE LCh	55, 12.275, 42.208
Yxy	22.9298, 0.3553, 0.3423
Android (android.graphics.Color)	4288249462 (0xFF997E76)
YUV	133.1610, -7.4744, 17.3988
Hunter-Lab	47.8851, 4.9007, 8.4426

Details

The CIELCh color $55, 12.275, 42.208$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $58, 10.615, 224.084$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 12.332, 43.189$, and $35, 12.045, 41.854$ is the 20% darker color. If you saturate the color by 10%, you get $52, 18.362, 42.139$, and if you desaturate by 10%, it is $59, 6.643, 42.394$.

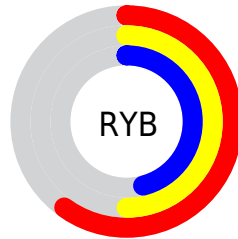
Distribution



Red (60%)

Green (49%)

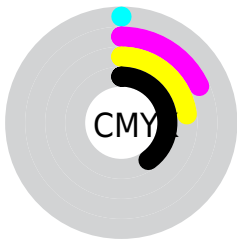
Blue (46%)



Red (60%)

Yellow (50%)

Blue (46%)

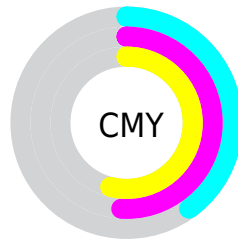


Cyan (0%)

Magenta (18%)

Yellow (23%)

Black (40%)



Cyan (40%)

Magenta (51%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 12.275, 42.208 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, 12.275, 42.208 by changing the saturation by 10% instead.

 55, 12.275, 42.208

 55, 12.275, 42.208

 100, 12.275,
42.208

 45, 12.275, 42.208

 75, 12.275, 42.208

 35, 12.275, 42.208

 85, 12.275, 42.208

 25, 12.275, 42.208

 95, 12.275, 42.208

 15, 12.275, 42.208

 5, 12.275, 42.208

 0, 12.275, 42.208

 55, 12.275, 42.208

 55, 12.275, 42.208

 52, 18.362, 42.139

 59, 6.643, 42.394

 48, 24.928, 42.202

 62, 1.434, 42.449

45, 31.967, 42.437

66, 3.393, 223.245

42, 39.431, 42.861

69, 7.879, 223.580

39, 47.179, 43.452

73, 12.062,
224.001

37, 54.894, 44.085

77, 15.980,
224.453

35, 61.870, 44.410

34, 66.422, 44.786

80, 19.665,
224.919

84, 23.146,
225.391

88, 26.391,
225.490

Harmonies

Complementary

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



55, 12.275, 42.208



58, 10.615, 224.084

Rectangle

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



55, 12.275, 42.208



55, 12.275, 92.208



55, 12.275, 222.208



55, 12.275, 272.208

Sweetspot

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



55, 12.274, 42.217



77, 4.369, 42.499



54, 20.803, 332.551



40, 2.837, 42.491



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



55, 12.274, 42.217



68, 18.282, 42.166



60, 14.701, 92.153



30, 2.872, 42.465



31, 61.968, 44.765



1, 3.010, 42.389

Inverse Universe

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



58, 10.615, 224.084



73, 15.293, 224.440



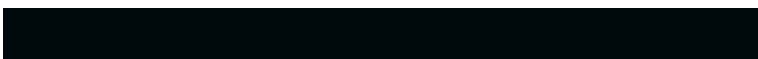
53, 14.814, 278.072



31, 2.721, 223.326



42, 28.593, 240.687



2, 2.990, 224.414

Previews

White Background



This preview shows how the CIELCh color 55, 12.275, 42.208 looks on a white background.

Color Contrast Check

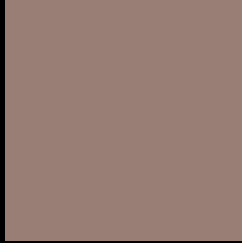
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.275, 42.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

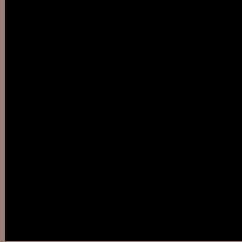
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 12.275, 42.208

Background



This preview shows how black text looks on a background with the CIELCh color 55, 12.275, 42.208.



This preview shows how white text looks on a background with the CIELCh color 55, 12.275, 42.208.

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, 12.275, 42.208

Protanopia

55, 6.217, 86.190

Deuteranopia

55, 10.964, 48.097



Tritanopia
55, 13.498, 358.609

Trichromacy



Original Color
55, 12.275, 42.208

Protanomaly
55, 7.758, 61.258

Deuteranomaly
55, 11.346, 47.112

Tritanomaly
55, 11.934, 15.238

Monochromacy



Original Color
55, 12.275, 42.208

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 4.384, 42.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 12.275, 42.208 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(153, 126, 118)` looks like.

```
.text, #text, p{  
    color:rgb(153, 126, 118)  
}
```

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(153, 126, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 126, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 12.275, 42.208 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(153, 126, 118) }
```

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

```
.border{ border-color:rgb(153, 126, 118) }
```

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

Here you see how a box with a 4 pixel rgb(153, 126, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 126, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 126, 118);  
box-shadow:4px 4px 4px 4px rgb(153, 126,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 12.275, 42.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 126, 118) }
```

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

```
.background{ background-color: rgb(153,  
126, 118) }
```

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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