

Converting Colors

CIELCh(55, 24.586, 49.608)

Have a look what the booklet for
CIELCh(55, 24.586, 49.608) contains.

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Color

CIELCh(55, 24.792, 49.803)

Conversions

Conversions Part 1

Format	Color
Hex	A97964
RGB	169, 121, 100
RGB Percent	66%, 47%, 39%
CMY	0.3384, 0.5265, 0.6088
CMYK	0.00, 0.28, 0.41, 0.34
HSL	18°, 29%, 53%
HSV	18°, 41%, 66%
XYZ	25.3945, 22.9298, 15.0800
YIQ	132.9580, 35.3490, 3.6450

Conversions

Conversions Part 2

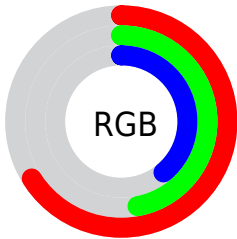
Format	Color
R _Y B	169, 130, 100
Decimal	11106660
CIE Lab	55.00, 16.00, 18.94
CIE LCh	55, 24.792, 49.803
Yxy	22.9298, 0.4005, 0.3616
Android (android.graphics.Color)	4289296740 (0xFFA97964)
YUV	132.9580, -16.2483, 31.6088
Hunter-Lab	47.8851, 10.8636, 14.8480

Details

The CIELCh color $55, 24.792, 49.803$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $59, 19.272, 236.766$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 24.836, 50.344$, and $35, 24.904, 49.652$ is the 20% darker color. If you saturate the color by 10%, you get $52, 32.044, 49.486$, and if you desaturate by 10%, it is $58, 18.023, 50.238$.

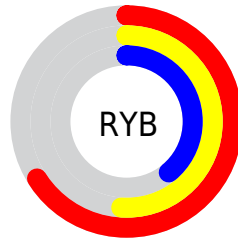
Distribution



Red (66%)

Green (47%)

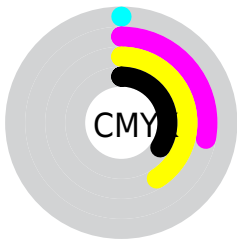
Blue (39%)



Red (66%)

Yellow (51%)

Blue (39%)

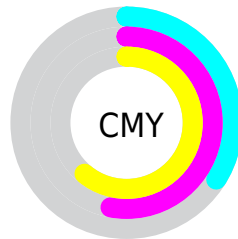


Cyan (0%)

Magenta (28%)

Yellow (41%)

Black (34%)



Cyan (34%)

Magenta (53%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 24.792, 49.803 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, 24.792, 49.803 by changing the saturation by 10% instead.

■ 55, 24.792, 49.803

■ 55, 24.792, 49.803

■ 100, 24.792,
49.803

■ 45, 24.792, 49.803

■ 75, 24.792, 49.803

■ 35, 24.792, 49.803

■ 85, 24.792, 49.803

■ 25, 24.792, 49.803

■ 95, 24.792, 49.803

■ 15, 24.792, 49.803

■ 5, 24.792, 49.803

■ 0, 24.792, 49.803

■ 55, 24.792, 49.803

■ 55, 24.792, 49.803

■ 52, 32.044, 49.486

■ 58, 18.023, 50.238

■ 49, 39.744, 49.277

■ 62, 11.732, 50.755

46, 47.768, 49.149

65, 5.889, 51.319

43, 55.810, 48.990

69, 0.455, 51.075

41, 63.197, 48.503

72, 4.611, 232.835

39, 69.051, 47.869

76, 9.352, 233.497

80, 13.805,
234.201

83, 18.006,
234.913

87, 21.987,
235.621

Harmonies

Complementary

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



55, 24.792, 49.803



59, 19.272, 236.766

Rectangle

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



55, 24.792, 49.803



55, 24.792, 99.803



55, 24.792, 229.803



55, 24.792, 279.803

Sweetspot

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



55, 24.791, 49.809



82, 8.081, 51.244



51, 37.770, 337.307



43, 5.377, 51.174



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



55, 24.791, 49.809



67, 38.060, 49.513



64, 30.900, 95.648



34, 3.039, 51.407



34, 62.409, 48.220



3, 5.428, 46.871

Inverse Universe

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



59, 19.272, 236.766



72, 27.674, 238.519



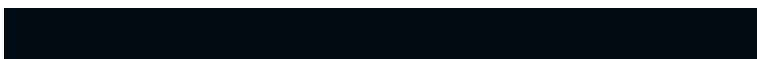
49, 32.535, 286.607



34, 2.896, 232.898



41, 32.580, 255.959



3, 5.422, 241.428

Previews

White Background



This preview shows how the CIELCh color 55, 24.792, 49.803 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, 24.792, 49.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

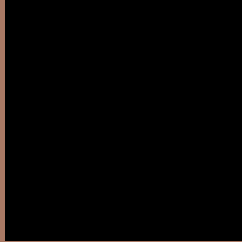
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 24.792, 49.803

Background



This preview shows how black text looks on a background with the CIELCh color 55, 24.792, 49.803.



This preview shows how white text looks on a background with the CIELCh color 55, 24.792, 49.803.

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, 24.792, 49.803

Protanopia

55, 15.769, 95.752

Deuteranopia

55, 20.674, 70.062



Tritanopia
55, 22.822, 9.283

Trichromacy



Original Color
55, 24.792, 49.803

Protanomaly
55, 17.305, 74.882

Deuteranomaly
55, 22.062, 62.227

Tritanomaly
55, 22.195, 24.816

Monochromacy



Original Color
55, 24.792, 49.803

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 8.406, 52.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 24.792, 49.803 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(169, 121, 100)` looks like.

```
.text, #text, p{  
    color:rgb(169, 121, 100)  
}
```

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(169, 121, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 121, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 24.792, 49.803 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(169, 121, 100) }
```

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

```
.border{ border-color:rgb(169, 121, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 121, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 121, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 121, 100);  
box-shadow:4px 4px 4px 4px rgb(169, 121,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 24.792, 49.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 121, 100) }
```

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

```
.background{ background-color: rgb(169,  
121, 100) }
```

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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