

Converting Colors

CIELCh(55, 8.824, 31.420)

Have a look what the booklet for
CIELCh(55, 8.824, 31.420) contains.

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Color

CIELCh(55, 8.812, 31.434)

Conversions

Conversions Part 1

Format	Color
Hex	947F7C
RGB	148, 127, 124
RGB Percent	58%, 50%, 49%
CMY	0.4196, 0.5019, 0.5137
CMYK	0.00, 0.14, 0.16, 0.42
HSL	8°, 10%, 53%
HSV	8°, 16%, 58%
XYZ	23.4403, 22.9298, 22.2591
YIQ	132.9370, 13.4790, 3.5190

Conversions

Conversions Part 2

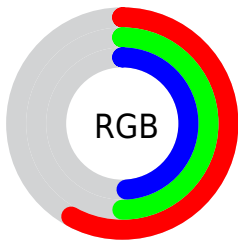
Format	Color
R_{YB}	148, 127, 124
Decimal	9731964
CIE Lab	55.00, 7.52, 4.60
CIE LCh	55, 8.812, 31.434
Yxy	22.9298, 0.3415, 0.3341
Android (android.graphics.Color)	4287922044 (0xFF947F7C)
YUV	132.9370, -4.4059, 13.2103
Hunter-Lab	47.8851, 3.5786, 5.9590

Details

The CIELCh color $55, 8.812, 31.434$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 7.931, 211.193$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 8.711, 34.264$, and $35, 8.830, 32.720$ is the 20% darker color. If you saturate the color by 10%, you get $51, 14.836, 31.835$, and if you desaturate by 10%, it is $59, 3.244, 31.136$.

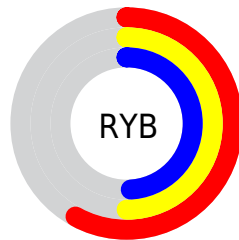
Distribution



Red (58%)

Green (50%)

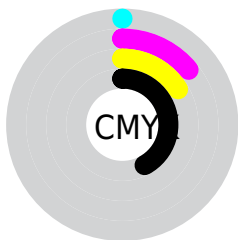
Blue (49%)



Red (58%)

Yellow (50%)

Blue (49%)

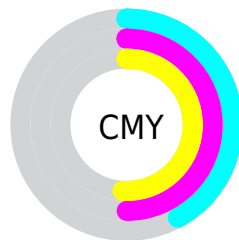


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (42%)



Cyan (42%)

Magenta (50%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 8.812, 31.434 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, 8.812, 31.434 by changing the saturation by 10% instead.

 55, 8.812, 31.434

 55, 8.812, 31.434

 100, 8.812, 31.434

 45, 8.812, 31.434

 75, 8.812, 31.434

 35, 8.812, 31.434

 85, 8.812, 31.434

 25, 8.812, 31.434

 95, 8.812, 31.434

 15, 8.812, 31.434

 5, 8.812, 31.434

 0, 8.812, 31.434

 55, 8.812, 31.434

 55, 8.812, 31.434

 51, 14.836, 31.835

 59, 3.244, 31.136

 48, 21.337, 32.403

 63, 1.899, 211.395

44, 28.308, 33.208

67, 6.657, 211.199

41, 35.703, 34.303

71, 11.072,
211.207

38, 43.413, 35.729

75, 15.182,
211.276

35, 51.229, 37.465

33, 58.728, 39.328

79, 19.026,
211.384

32, 65.095, 40.886

83, 22.635,
211.519

31, 67.220, 41.546

87, 26.038,
211.671

91, 29.195,
209.523

Harmonies

Complementary

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



55, 8.812, 31.434



59, 7.931, 211.193

Rectangle

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



55, 8.812, 31.434



55, 8.812, 81.434



55, 8.812, 211.434



55, 8.812, 261.434

Sweetspot

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



55, 8.811, 31.445



75, 3.201, 31.088



55, 15.364, 328.694



39, 2.207, 31.116



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, 8.811, 31.445



68, 12.888, 31.553



58, 9.186, 84.881



29, 2.982, 31.235



29, 63.324, 41.322



1, 2.520, 31.184

Inverse Universe

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



59, 7.931, 211.193



74, 11.344, 211.206



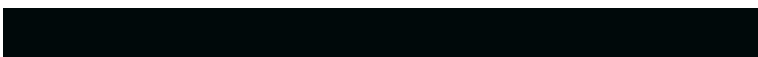
55, 9.069, 269.152



30, 2.815, 211.225



46, 27.831, 218.741



2, 2.520, 211.203

Previews

White Background



This preview shows how the CIELCh color 55, 8.812, 31.434 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, 8.812, 31.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

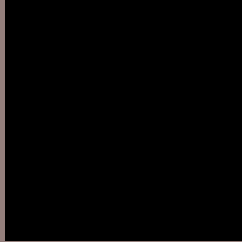
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 8.812, 31.434

Background



This preview shows how black text looks on a background with the CIELCh color 55, 8.812, 31.434.



This preview shows how white text looks on a background with the CIELCh color 55, 8.812, 31.434.

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, 8.812, 31.434

Protanopia

55, 3.271, 80.307

Deuteranopia

55, 8.399, 31.950



Tritanopia
55, 11.166, 349.830

Trichromacy



Original Color
55, 8.812, 31.434

Protanomaly
55, 4.963, 54.808

Deuteranomaly
55, 8.399, 31.950

Tritanomaly
55, 9.712, 3.376

Monochromacy



Original Color
55, 8.812, 31.434

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 2.852, 31.105

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 55, 8.812, 31.434 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(148, 127, 124)` looks like.

```
.text, #text, p{  
    color:rgb(148, 127, 124)  
}
```

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(148, 127, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 127, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 8.812, 31.434 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(148, 127, 124) }
```

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

```
.border{ border-color:rgb(148, 127, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 127, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 127, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 127, 124);  
box-shadow:4px 4px 4px 4px rgb(148, 127,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 8.812, 31.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 127, 124) }
```

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

```
.background{ background-color: rgb(148,  
127, 124) }
```

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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