

Converting Colors

CIELCh(55, 10.414, 42.774)

Have a look what the booklet for
CIELCh(55, 10.414, 42.774) contains.

CIELCh(55, 10.414, 42.774)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(55, 10.414, 42.774)

Conversions

Conversions Part 1

Format	Color
Hex	967F78
RGB	150, 127, 120
RGB Percent	59%, 50%, 47%
CMY	0.4127, 0.5029, 0.5303
CMYK	0.00, 0.15, 0.20, 0.41
HSL	14°, 12%, 53%
HSV	14°, 20%, 59%
XYZ	23.4684, 22.9298, 20.8847
YIQ	133.0790, 15.9550, 2.6990

Conversions

Conversions Part 2

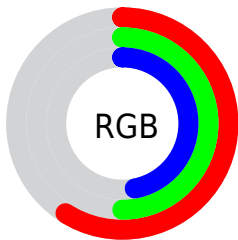
Format	Color
RYB	150, 129, 120
Decimal	9863032
CIELab	55.00, 7.64, 7.07
CIElCh	55, 10.414, 42.774
Yxy	22.9298, 0.3488, 0.3408
Android (android.graphics.Color)	4288053112 (0xFF967F78)
YUV	133.0790, -6.4479, 14.8397
Hunter-Lab	47.8851, 3.6836, 7.6608

Details

The CIELCh color $55, 10.414, 42.774$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 9.196, 224.503$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 10.257, 44.737$, and $35, 10.406, 41.497$ is the 20% darker color. If you saturate the color by 10%, you get $52, 16.253, 42.646$, and if you desaturate by 10%, it is $58, 5.011, 42.999$.

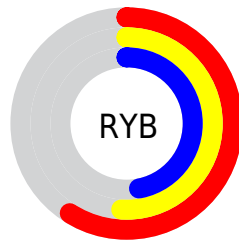
Distribution



Red (59%)

Green (50%)

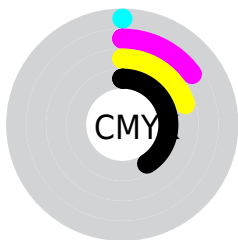
Blue (47%)



Red (59%)

Yellow (51%)

Blue (47%)

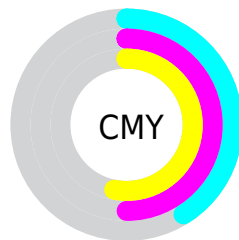


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (41%)



Cyan (41%)

Magenta (50%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 10.414, 42.774 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, 10.414, 42.774 by changing the saturation by 10% instead.

■ 55, 10.414, 42.774

■ 55, 10.414, 42.774

■ 100, 10.414,
42.774

■ 45, 10.414, 42.774

■ 75, 10.414, 42.774

■ 35, 10.414, 42.774

■ 85, 10.414, 42.774

■ 25, 10.414, 42.774

■ 95, 10.414, 42.774

■ 15, 10.414, 42.774

■ 5, 10.414, 42.774

■ 0, 10.414, 42.774

■ 55, 10.414, 42.774

■ 55, 10.414, 42.774

■ 52, 16.253, 42.646

■ 58, 5.011, 42.999

■ 48, 22.556, 42.634

■ 62, 0.012, 5.632

45, 29.328, 42.782

66, 4.630, 223.912

42, 36.537, 43.111

69, 8.947, 224.304

39, 44.079, 43.613

73, 12.981,
224.753

37, 51.712, 44.204

76, 16.764,
225.225

35, 58.887, 44.621

33, 65.226, 44.980

80, 20.328,
225.709

84, 23.700,
226.196

87, 26.903,
226.680

Harmonies

Complementary

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



55, 10.414, 42.774



58, 9.196, 224.503

Rectangle

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



55, 10.414, 42.774



55, 10.414, 92.774



55, 10.414, 222.774



55, 10.414, 272.774

Sweetspot

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



55, 10.413, 42.785



76, 3.644, 43.065



54, 17.677, 332.983



39, 2.416, 43.059



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, 10.413, 42.785



68, 15.677, 42.710



59, 12.827, 93.718



29, 2.786, 43.016



30, 60.912, 44.941



1, 2.359, 43.414

Inverse Universe

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



58, 9.196, 224.503



72, 13.422, 224.825



54, 12.956, 278.759



30, 2.641, 223.914



41, 28.314, 241.602



2, 2.359, 223.434

Previews

White Background



This preview shows how the CIELCh color 55, 10.414, 42.774 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, 10.414, 42.774 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, 10.414, 42.774

Background



This preview shows how black text looks on a background with the CIELCh color 55, 10.414, 42.774.



This preview shows how white text looks on a background with the CIELCh color 55, 10.414, 42.774.

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, 10.414, 42.774

Protanopia

55, 5.529, 87.894

Deuteranopia

55, 10.020, 43.676



Tritanopia
55, 11.989, 355.382

Trichromacy



Original Color
55, 10.414, 42.774

Protanomaly
55, 6.736, 62.452

Deuteranomaly
55, 10.020, 43.676

Tritanomaly
55, 10.304, 10.975

Monochromacy



Original Color
55, 10.414, 42.774

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 3.639, 47.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 10.414, 42.774 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, 127, 120)` looks like.

```
.text, #text, p{  
    color:rgb(150, 127, 120)  
}
```

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, 127, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 127, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 10.414, 42.774 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, 127, 120) }
```

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

```
.border{ border-color:rgb(150, 127, 120) }
```

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

Here you see how a box with a 4 pixel rgb(150, 127, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 127, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 127, 120);  
box-shadow:4px 4px 4px 4px rgb(150, 127,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 10.414, 42.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 127, 120) }
```

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

```
.background{ background-color: rgb(150,  
127, 120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor