

Converting Colors

CIELCh(54, 10.000, 73.024)

Have a look what the booklet for
CIELCh(54, 10.000, 73.024) contains.

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Color

CIELCh(54, 9.983, 73.028)

Conversions

Conversions Part 1

Format	Color
Hex	8D7F71
RGB	141, 127, 113
RGB Percent	55%, 50%, 44%
CMY	0.4477, 0.5026, 0.5575
CMYK	0.00, 0.10, 0.20, 0.45
HSL	30°, 11%, 50%
HSV	30°, 20%, 55%
XYZ	21.4972, 21.9746, 18.6852
YIQ	129.5900, 12.8380, -1.3860

Conversions

Conversions Part 2

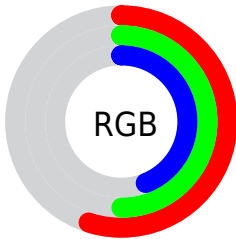
Format	Color
R_{YB}	141, 141, 113
Decimal	9273201
CIE Lab	54.00, 2.91, 9.55
CIE LCh	54, 9.983, 73.028
Yxy	21.9746, 0.3459, 0.3535
Android (android.graphics.Color)	4287463281 (0xFF8D7F71)
YUV	129.5900, -8.1789, 10.0066
Hunter-Lab	46.8770, -0.1771, 9.1809

Details

The CIELCh color $54, 9.983, 73.028$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $52, 9.492, 258.192$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 9.982, 73.513$, and $34, 10.192, 72.142$ is the 20% darker color. If you saturate the color by 10%, you get $52, 15.356, 71.832$, and if you desaturate by 10%, it is $56, 4.848, 74.210$.

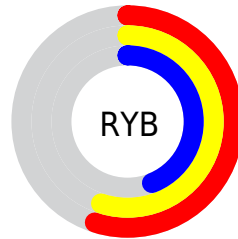
Distribution



Red (55%)

Green (50%)

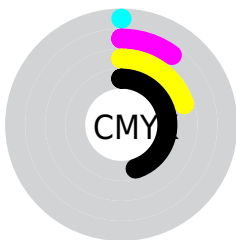
Blue (44%)



Red (55%)

Yellow (55%)

Blue (44%)

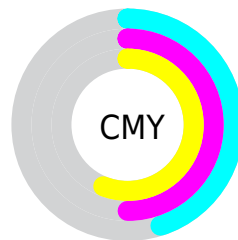


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (45%)



Cyan (45%)

Magenta (50%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 9.983, 73.028 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 54, 9.983, 73.028 by changing the saturation by 10% instead.

 54, 9.983, 73.028  54, 9.983, 73.028

 100, 9.983, 73.028  44, 9.983, 73.028

 74, 9.983, 73.028  34, 9.983, 73.028

 84, 9.983, 73.028  24, 9.983, 73.028


 94, 9.983, 73.028  14, 9.983, 73.028

 4, 9.983, 73.028

 0, 9.983, 73.028

 54, 9.983, 73.028  54, 9.983, 73.028

 52, 15.356, 71.832  56, 4.848, 74.210

 50, 20.973, 70.610  59, 0.066, 259.760

47, 26.820, 69.376

61, 4.778, 256.658

45, 32.847, 68.118

63, 9.308, 257.746

43, 38.928, 66.798

66, 13.677,
258.816

41, 44.800, 65.324

68, 17.902,
259.848

40, 49.975, 63.504

38, 54.498, 61.514

71, 22.000,
260.841

38, 54.562, 61.495

73, 25.985,
261.790

75, 29.870,
262.696

Harmonies

Complementary

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



54, 9.983, 73.028



52, 9.492, 258.192

Rectangle

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



54, 9.983, 73.028



54, 9.983, 123.028



54, 9.983, 253.028



54, 9.983, 303.028

Sweetspot

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



54, 9.983, 73.039



73, 3.625, 74.618



51, 13.905, 345.322



38, 2.399, 74.561



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



54, 9.983, 73.039



68, 15.128, 72.481



58, 15.780, 108.316



29, 2.799, 74.287



36, 52.916, 61.651



1, 1.860, 75.427

Inverse Universe

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



52, 9.492, 258.192



65, 14.192, 258.965



49, 16.497, 292.339



29, 2.742, 256.648



29, 43.940, 282.813



1, 1.861, 255.440

Previews

White Background



This preview shows how the CIELCh color 54, 9.983, 73.028 looks on a white background.

Color Contrast Check

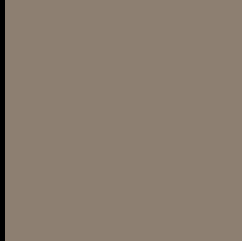
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 9.983, 73.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

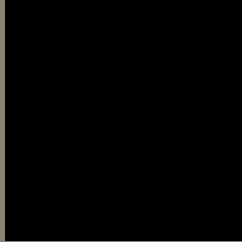
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 9.983, 73.028

Background



This preview shows how black text looks on a background with the CIELCh color 54, 9.983, 73.028.



This preview shows how white text looks on a background with the CIELCh color 54, 9.983, 73.028.

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

54, 9.983, 73.028

Protanopia

54, 8.953, 92.900

Deuteranopia

54, 11.664, 52.829



Tritanopia
54, 9.516, 343.296

Trichromacy



Original Color
54, 9.983, 73.028

Protanomaly
54, 8.871, 84.110

Deuteranomaly
54, 10.951, 58.833

Tritanomaly
54, 6.930, 15.373

Monochromacy



Original Color
54, 9.983, 73.028

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 3.502, 74.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 9.983, 73.028 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(141, 127, 113)` looks like.

```
.text, #text, p{  
    color:rgb(141, 127, 113)  
}
```

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(141, 127, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 127, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 9.983, 73.028 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(141, 127, 113) }
```

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

```
.border{ border-color:rgb(141, 127, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 127, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 127, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 127, 113);  
box-shadow:4px 4px 4px 4px rgb(141, 127,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 9.983, 73.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 127, 113) }
```

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

```
.background{ background-color: rgb(141,  
127, 113) }
```

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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