

Converting Colors

CIELCh(53, 3.421, 69.625)

Have a look what the booklet for
CIELCh(53, 3.421, 69.625) contains.

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Color

CIELCh(53, 3.513, 74.452)

Conversions

Conversions Part 1

Format	Color
Hex	837E79
RGB	131, 126, 121
RGB Percent	51%, 49%, 47%
CMY	0.4872, 0.5068, 0.5264
CMYK	0.00, 0.04, 0.08, 0.49
HSL	30°, 4%, 49%
HSV	30°, 8%, 51%
XYZ	20.1944, 21.0462, 21.0150
YIQ	126.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

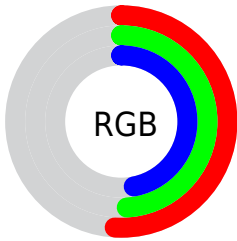
Format	Color
R_{YB}	131, 131, 121
Decimal	8617593
CIE Lab	53.00, 0.94, 3.38
CIE LCh	53, 3.513, 74.452
Yxy	21.0462, 0.3244, 0.3381
Android (android.graphics.Color)	4286807673 (0xFF837E79)
YUV	126.9250, -2.9210, 3.5738
Hunter-Lab	45.8761, -1.7087, 4.9536

Details

The CIELCh color $53, 3.513, 74.452$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 3.459, 256.463$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 3.742, 79.355$, and $33, 3.351, 67.984$ is the 20% darker color. If you saturate the color by 10%, you get $51, 8.297, 73.334$, and if you desaturate by 10%, it is $55, 1.067, 255.973$.

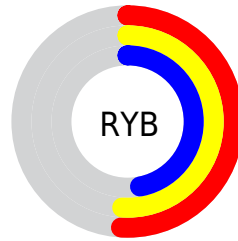
Distribution



Red (51%)

Green (49%)

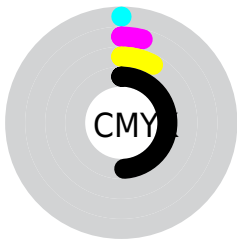
Blue (47%)



Red (51%)

Yellow (51%)

Blue (47%)

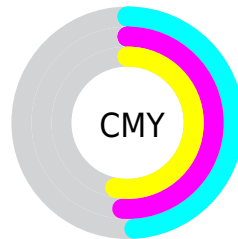


Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (49%)



Cyan (49%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 3.513, 74.452 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 53, 3.513, 74.452 by changing the saturation by 10% instead.

■ 53, 3.513, 74.452

■ 53, 3.513, 74.452

■ 100, 3.513, 74.452

■ 43, 3.513, 74.452

■ 73, 3.513, 74.452

■ 33, 3.513, 74.452

■ 83, 3.513, 74.452

■ 23, 3.513, 74.452

■ 93, 3.513, 74.452

■ 13, 3.513, 74.452

■ 3, 3.513, 74.452

■ 0, 3.513, 74.452

■ 53, 3.513, 74.452

■ 53, 3.513, 74.452

■ 51, 8.297, 73.334

■ 55, 1.067, 255.973

■ 49, 13.299, 72.141

■ 57, 5.463, 256.906

47, 18.529, 70.930

60, 9.694, 257.986

45, 23.980, 69.708

62, 13.777,
259.041

43, 29.616, 68.466

64, 17.729,
260.060

41, 35.342, 67.178

39, 40.957, 65.769

66, 21.565,
261.037

37, 46.071, 64.084

69, 25.298,
261.972

36, 50.468, 62.121

71, 28.939,
262.864

73, 32.499,
263.715

Harmonies

Complementary

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



53, 3.513, 74.452



52, 3.459, 256.463

Rectangle

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



53, 3.513, 74.452



53, 3.513, 124.452



53, 3.513, 254.452



53, 3.513, 304.452

Sweetspot

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



53, 3.513, 74.479



69, 1.125, 74.920



52, 4.968, 344.200



37, 0.644, 74.915



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



53, 3.513, 74.479



67, 5.165, 74.307



54, 5.728, 109.465



27, 2.631, 74.315



35, 51.425, 61.813



0, 0.620, 75.442

Inverse Universe

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



52, 3.459, 256.463



67, 5.062, 256.658



51, 5.832, 290.930



26, 2.579, 256.649



28, 42.591, 282.643



0, 0.620, 255.455

Previews

White Background



This preview shows how the CIELCh color 53, 3.513, 74.452 looks on a white background.

Color Contrast Check

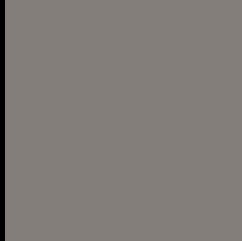
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 3.513, 74.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

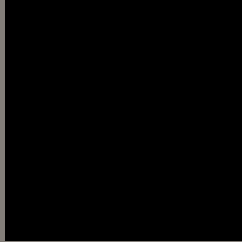
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

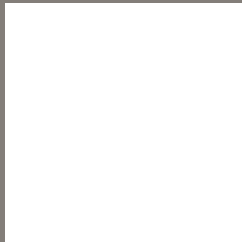
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 3.513, 74.452

Background



This preview shows how black text looks on a background with the CIELCh color 53, 3.513, 74.452.



This preview shows how white text looks on a background with the CIELCh color 53, 3.513, 74.452.

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

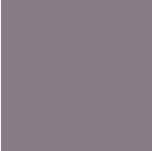
53, 3.513, 74.452

Protanopia

53, 3.295, 80.281

Deuteranopia

53, 7.839, 24.412



Tritanopia
53, 6.816, 322.037

Trichromacy



Original Color
53, 3.513, 74.452

Protanomaly
53, 3.295, 80.281

Deuteranomaly
53, 5.847, 31.293

Tritanomaly
53, 3.640, 340.308

Monochromacy



Original Color
53, 3.513, 74.452

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 1.211, 90.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 3.513, 74.452 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(131, 126, 121)` looks like.

```
.text, #text, p{  
    color:rgb(131, 126, 121)  
}
```

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(131, 126, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 126, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 3.513, 74.452 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(131, 126, 121) }
```

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

```
.border{ border-color:rgb(131, 126, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 126, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 126, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 126, 121);  
box-shadow:4px 4px 4px 4px rgb(131, 126,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 3.513, 74.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 126, 121) }
```

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

```
.background{ background-color: rgb(131,  
126, 121) }
```

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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