

Converting Colors

CIELCh(54, 2.796, 74.616)

Have a look what the booklet for
CIELCh(54, 2.796, 74.616) contains.

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Color

CIELCh(54, 2.796, 74.616)

Conversions

Conversions Part 1

Format	Color
Hex	84807C
RGB	132, 128, 124
RGB Percent	52%, 50%, 49%
CMY	0.4805, 0.4962, 0.5119
CMYK	0.00, 0.03, 0.06, 0.48
HSL	30°, 3%, 50%
HSV	30°, 6%, 52%
XYZ	21.0406, 21.9746, 22.3588
YIQ	128.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

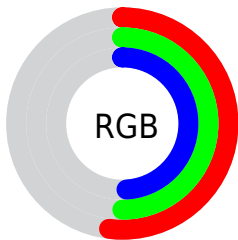
Format	Color
R_{YB}	132, 132, 124
Decimal	8683644
CIE Lab	54.00, 0.74, 2.70
CIE LCh	54, 2.796, 74.616
Yxy	21.9746, 0.3218, 0.3361
Android (android.graphics.Color)	4286873724 (0xFF84807C)
YUV	128.7400, -2.3368, 2.8590
Hunter-Lab	46.8770, -1.9158, 4.5346

Details

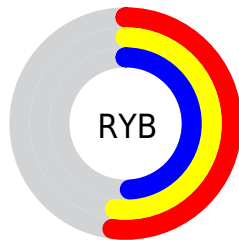
The CIELCh color $54, 2.796, 74.616$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54, 2.766, 256.282$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 3.076, 80.485$, and $34, 3.056, 74.288$ is the 20% darker color. If you saturate the color by 10%, you get $52, 7.597, 73.524$, and if you desaturate by 10%, it is $56, 1.802, 256.060$.

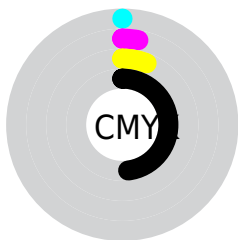
Distribution



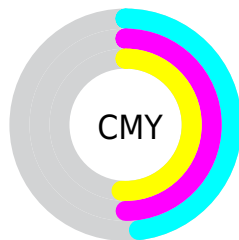
- Red (52%)
- Green (50%)
- Blue (49%)



- Red (52%)
- Yellow (52%)
- Blue (49%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (48%)



- Cyan (48%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 2.796, 74.616 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, 2.796, 74.616 by changing the saturation by 10% instead.

■ 54, 2.796, 74.616 ■ 54, 2.796, 74.616

■ 100, 2.796, 74.616 ■ 44, 2.796, 74.616

■ 74, 2.796, 74.616 ■ 34, 2.796, 74.616

■ 84, 2.796, 74.616 ■ 24, 2.796, 74.616

■ 94, 2.796, 74.616 ■ 14, 2.796, 74.616

■ 4, 2.796, 74.616

■ 0, 2.796, 74.616

■ 54, 2.796, 74.616 ■ 54, 2.796, 74.616

■ 52, 7.597, 73.524 ■ 56, 1.802, 256.060

■ 50, 12.617, 72.333 ■ 58, 6.217, 257.085

48, 17.867, 71.123

61, 10.467,
258.165

46, 23.343, 69.901

63, 14.571,
259.215

44, 29.015, 68.662

42, 34.798, 67.382

65, 18.546,
260.228

40, 40.509, 65.997

68, 22.405,
261.200

38, 45.788, 64.366

36, 50.223, 62.353

70, 26.162,
262.129

72, 29.827,
263.015

74, 33.412,
263.860

Harmonies

Complementary

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



54, 2.796, 74.616



54, 2.766, 256.282

Rectangle

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



54, 2.796, 74.616



54, 2.796, 124.616



54, 2.796, 254.616



54, 2.796, 304.616

Sweetspot

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



54, 2.797, 74.649



70, 1.139, 74.924



53, 3.962, 344.054



37, 0.644, 74.919



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



54, 2.797, 74.649



69, 4.047, 74.533



55, 4.576, 109.611



27, 2.096, 74.518



35, 51.425, 61.816



0, 0.620, 75.446

Inverse Universe

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



54, 2.766, 256.282



68, 3.989, 256.411



52, 4.647, 290.769



27, 2.065, 256.427



28, 42.594, 282.646



0, 0.620, 255.459

Previews

White Background



This preview shows how the CIE LCh color 54, 2.796, 74.616 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, 2.796, 74.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

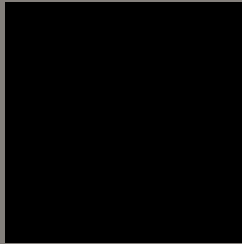
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

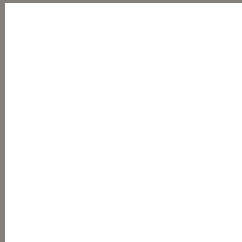
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 2.796, 74.616

Background



This preview shows how black text looks on a background with the CIELCh color 54, 2.796, 74.616.

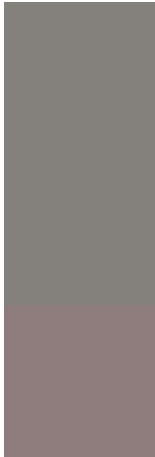


This preview shows how white text looks on a background with the CIELCh color 54, 2.796, 74.616.

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, 2.796, 74.616

Protanopia

54, 3.104, 86.855

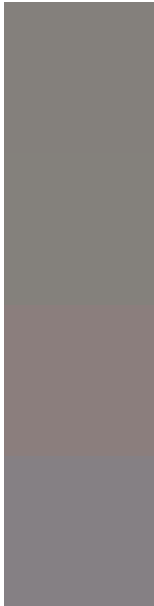
Deuteranopia

54, 7.340, 20.153



Tritanopia
54, 6.414, 316.006

Trichromacy



Original Color

54, 2.796, 74.616

Protanomaly

54, 3.104, 86.855

Deuteranomaly

54, 5.307, 26.092

Tritanomaly

54, 3.056, 330.677

Monochromacy



Original Color

54, 2.796, 74.616

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 1.207, 90.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 2.796, 74.616 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(132, 128, 124)` looks like.

```
.text, #text, p{  
    color:rgb(132, 128, 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(132, 128, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 128, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 2.796, 74.616 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(132, 128, 124) }
```

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

```
.border{ border-color:rgb(132, 128, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 128, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 128, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 128, 124);  
box-shadow:4px 4px 4px 4px rgb(132, 128,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 2.796, 74.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 128, 124) }
```

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

```
.background{ background-color: rgb(132,  
128, 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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