

Converting Colors

CIELCh(54, 5.621, 65.974)

Have a look what the booklet for
CIELCh(54, 5.621, 65.974) contains.

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Color

CIELCh(54, 5.743, 63.999)

Conversions

Conversions Part 1

Format	Color
Hex	897F78
RGB	137, 127, 120
RGB Percent	54%, 50%, 47%
CMY	0.4614, 0.5007, 0.5281
CMYK	0.00, 0.07, 0.12, 0.46
HSL	25°, 7%, 51%
HSV	25°, 12%, 54%
XYZ	21.4134, 21.9746, 20.9861
YIQ	129.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

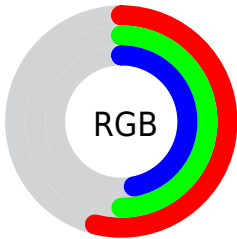
Format	Color
R_{YB}	137, 132, 120
Decimal	9011064
CIE _{Lab}	54.00, 2.52, 5.16
CIE _{LCh}	54, 5.743, 63.999
Yxy	21.9746, 0.3326, 0.3414
Android (android.graphics.Color)	4287201144 (0xFF897F78)
YUV	129.1920, -4.5317, 6.8476
Hunter-Lab	46.8770, -0.4962, 6.2708

Details

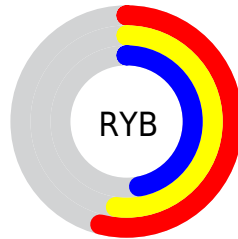
The CIELCh color $54, 5.743, 63.999$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54, 5.482, 246.792$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 5.754, 68.046$, and $34, 5.540, 62.251$ is the 20% darker color. If you saturate the color by 10%, you get $51, 10.695, 63.038$, and if you desaturate by 10%, it is $57, 1.071, 64.781$.

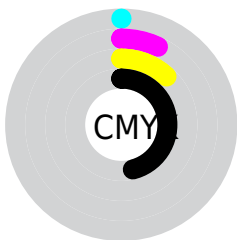
Distribution



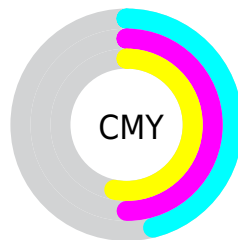
- Red (54%)
- Green (50%)
- Blue (47%)



- Red (54%)
- Yellow (52%)
- Blue (47%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (46%)



- Cyan (46%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 5.743, 63.999 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, 5.743, 63.999 by changing the saturation by 10% instead.

 54, 5.743, 63.999  54, 5.743, 63.999

 100, 5.743, 63.999  44, 5.743, 63.999

 74, 5.743, 63.999  34, 5.743, 63.999

 84, 5.743, 63.999  24, 5.743, 63.999

 94, 5.743, 63.999  14, 5.743, 63.999

 4, 5.743, 63.999

 0, 5.743, 63.999

 54, 5.743, 63.999  54, 5.743, 63.999

 51, 10.695, 63.038  57, 1.071, 64.781

 49, 15.950, 62.063  59, 3.348, 246.200

46, 21.524, 61.112

62, 7.542, 247.146

44, 27.413, 60.192

65, 11.537,
248.113

42, 33.573, 59.293

67, 15.356,
249.065

40, 39.885, 58.369

38, 46.075, 57.305

70, 19.020,
249.991

36, 51.605, 55.847

73, 22.548,
250.886

34, 55.722, 54.909

75, 25.956,
251.750

78, 29.258,
252.579

Harmonies

Complementary

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



54, 5.743, 63.999



54, 5.482, 246.792

Rectangle

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



54, 5.743, 63.999



54, 5.743, 113.999



54, 5.743, 243.999



54, 5.743, 293.999

Sweetspot

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



54, 5.743, 64.017



71, 2.240, 64.737



52, 9.018, 339.515



37, 1.589, 64.695



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



54, 5.743, 64.017



68, 8.692, 63.731



56, 8.731, 104.546



28, 2.597, 64.323



33, 54.251, 55.030



1, 1.179, 65.323

Inverse Universe

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



54, 5.482, 246.792



68, 8.194, 247.164



52, 8.921, 287.166



28, 2.513, 246.415



32, 36.314, 272.454



1, 1.179, 245.339

Previews

White Background



This preview shows how the CIELCh color 54, 5.743, 63.999 looks on a white background.

Color Contrast Check

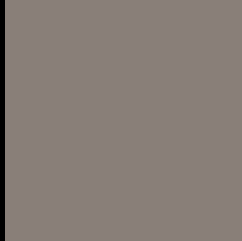
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.743, 63.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

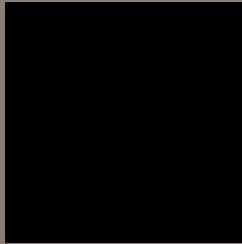
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

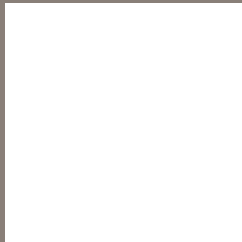
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 5.743, 63.999

Background



This preview shows how black text looks on a background with the CIELCh color 54, 5.743, 63.999.

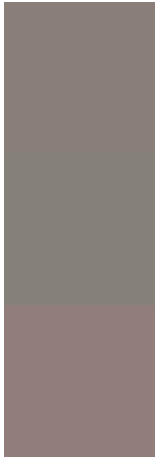


This preview shows how white text looks on a background with the CIELCh color 54, 5.743, 63.999.

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, 5.743, 63.999

Protanopia

54, 4.862, 90.012

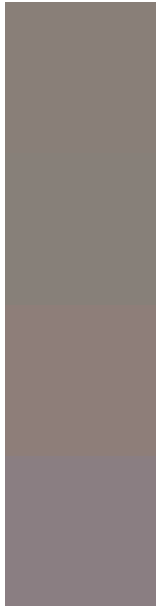
Deuteranopia

54, 8.589, 35.641



Tritanopia
54, 8.017, 334.340

Trichromacy



Original Color
54, 5.743, 63.999

Protanomaly
54, 4.923, 74.146

Deuteranomaly
54, 7.195, 43.422

Tritanomaly
54, 5.336, 354.413

Monochromacy



Original Color
54, 5.743, 63.999

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 2.342, 66.627

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 54, 5.743, 63.999 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(137, 127, 120)` looks like.

```
.text, #text, p{  
    color:rgb(137, 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(137, 127, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 127, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 5.743, 63.999 is called "border". The border property can be set on classes, ids or directly on the HTML element.

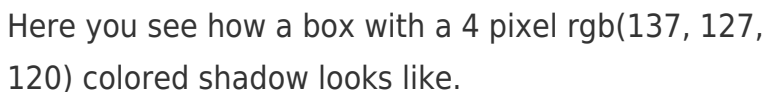
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 127, 120) }
```

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

```
.border{ border-color:rgb(137, 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(137, 127, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 127, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 127, 120); box-shadow:4px 4px 4px 4px rgb(137, 127, 120) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 5.743, 63.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 127, 120) }
```

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

```
.background{ background-color: rgb(137,  
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](#).

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