

Converting Colors

CIE LCh(54, 7.353, 74.506)

Have a look what the booklet for
CIELCh(54, 7.353, 74.506) contains.

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Color

CIELCh(54, 7.552, 76.083)

Conversions

Conversions Part 1

Format	Color
Hex	8A8075
RGB	138, 128, 117
RGB Percent	54%, 50%, 46%
CMY	0.4605, 0.4996, 0.5428
CMYK	0.00, 0.07, 0.15, 0.46
HSL	31°, 8%, 50%
HSV	31°, 15%, 54%
XYZ	21.2656, 21.9746, 19.8263
YIQ	129.7360, 9.4910, -1.3010

Conversions

Conversions Part 2

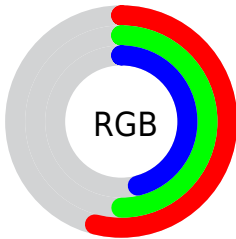
Format	Color
R_{YB}	136, 138, 117
Decimal	9076853
CIE _{Lab}	54.00, 1.82, 7.33
CIE _{LCh}	54, 7.552, 76.083
Yxy	21.9746, 0.3372, 0.3484
Android (android.graphics.Color)	4287266933 (0xFF8A8075)
YUV	129.7360, -6.2788, 7.2475
Hunter-Lab	46.8770, -1.0588, 7.7376

Details

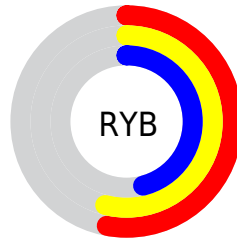
The CIELCh color $54, 7.552, 76.083$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 7.317, 260.045$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 7.725, 76.217$, and $34, 7.494, 75.695$ is the 20% darker color. If you saturate the color by 10%, you get $52, 12.768, 74.872$, and if you desaturate by 10%, it is $56, 2.546, 77.242$.

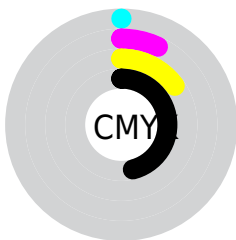
Distribution



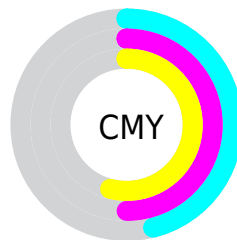
- Red (54%)
- Green (50%)
- Blue (46%)



- Red (53%)
- Yellow (54%)
- Blue (46%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (46%)




- Cyan (46%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 7.552, 76.083 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, 7.552, 76.083 by changing the saturation by 10% instead.

 54, 7.552, 76.083  54, 7.552, 76.083

 100, 7.552, 76.083  44, 7.552, 76.083

 74, 7.552, 76.083  34, 7.552, 76.083

 84, 7.552, 76.083  24, 7.552, 76.083

 94, 7.552, 76.083  14, 7.552, 76.083

 4, 7.552, 76.083

 0, 7.552, 76.083

 54, 7.552, 76.083  54, 7.552, 76.083

 52, 12.768, 74.872  56, 2.546, 77.242

 50, 18.201, 73.619  58, 2.267, 258.648

48, 23.845, 72.347

61, 6.903, 259.719

46, 29.664, 71.050

63, 11.381,
260.813

44, 35.570, 69.704

65, 15.717,
261.874

42, 41.369, 68.250

40, 46.692, 66.555

67, 19.927,
262.893

39, 51.030, 64.432

70, 24.024,
263.868

38, 53.175, 63.572

72, 28.022,
264.798

74, 31.931,
265.684

Harmonies

Complementary

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



54, 7.552, 76.083



53, 7.317, 260.045

Rectangle

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



54, 7.552, 76.083



54, 7.552, 126.083



54, 7.552, 256.083



54, 7.552, 306.083

Sweetspot

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



54, 7.552, 76.097



71, 2.996, 77.257



51, 10.311, 345.815



37, 2.039, 77.196



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, 7.552, 76.097



68, 11.096, 75.716



57, 11.902, 109.449



28, 2.760, 76.817



36, 51.745, 63.711



1, 1.263, 77.967

Inverse Universe

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



53, 7.317, 260.045



66, 10.669, 260.523



50, 12.310, 292.380



27, 2.714, 259.194



27, 45.323, 285.022



1, 1.263, 257.979

Previews

White Background



This preview shows how the CIELCh color 54, 7.552, 76.083 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 CIELCh color 54, 7.552, 76.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

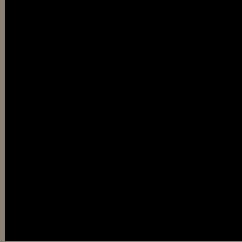
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

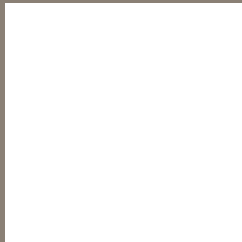
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 7.552, 76.083

Background



This preview shows how black text looks on a background with the CIELCh color 54, 7.552, 76.083.



This preview shows how white text looks on a background with the CIELCh color 54, 7.552, 76.083.

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, 7.552, 76.083

Protanopia

54, 7.180, 92.620

Deuteranopia

54, 9.943, 47.548



Tritanopia
54, 8.296, 336.368

Trichromacy



Original Color
54, 7.552, 76.083

Protanomaly
54, 6.941, 84.759

Deuteranomaly
54, 8.793, 55.794

Tritanomaly
54, 5.364, 7.574

Monochromacy



Original Color
54, 7.552, 76.083

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 2.796, 74.616

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 7.552, 76.083 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(138, 128, 117)` looks like.

```
.text, #text, p{  
    color:rgb(138, 128, 117)  
}
```

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(138, 128, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 128, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 7.552, 76.083 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(138, 128, 117) }
```

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

```
.border{ border-color:rgb(138, 128, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 128, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 128, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 128, 117);  
box-shadow:4px 4px 4px 4px rgb(138, 128,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 7.552, 76.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 128, 117) }
```

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

```
.background{ background-color: rgb(138,  
128, 117) }
```

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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