

Converting Colors

CIELCh(54, 4.731, 30.282)

Have a look what the booklet for
CIELCh(54, 4.731, 30.282) contains.

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Color

CIELCh(54, 4.601, 34.202)

Conversions

Conversions Part 1

Format	Color
Hex	8A7F7D
RGB	138, 127, 125
RGB Percent	54%, 50%, 49%
CMY	0.4598, 0.5029, 0.5107
CMYK	0.00, 0.08, 0.09, 0.46
HSL	9°, 5%, 51%
HSV	9°, 9%, 54%
XYZ	21.6864, 21.9746, 22.4211
YIQ	130.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

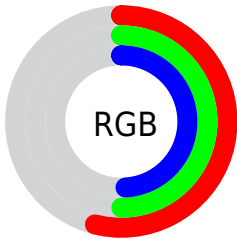
Format	Color
R_{YB}	138, 127, 125
Decimal	9076605
CIE Lab	54.00, 3.81, 2.59
CIE LCh	54, 4.601, 34.202
Yxy	21.9746, 0.3282, 0.3325
Android (android.graphics.Color)	4287266685 (0xFF8A7F7D)
YUV	130.0610, -2.4951, 4.9625
Hunter-Lab	46.8770, 0.5435, 4.4557

Details

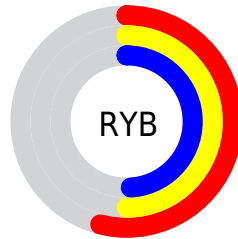
The CIELCh color $54, 4.601, 34.202$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 4.340, 214.446$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 4.292, 34.155$, and $34, 4.624, 35.600$ is the 20% darker color. If you saturate the color by 10%, you get $50, 9.867, 34.398$, and if you desaturate by 10%, it is $58, 0.267, 215.866$.

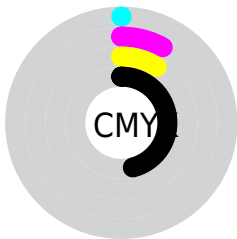
Distribution



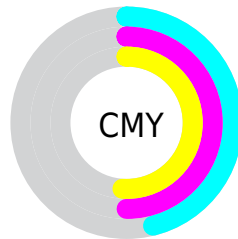
- Red (54%)
- Green (50%)
- Blue (49%)



- Red (54%)
- Yellow (50%)
- Blue (49%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (46%)




- Cyan (46%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 4.601, 34.202 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, 4.601, 34.202 by changing the saturation by 10% instead.

 54, 4.601, 34.202  54, 4.601, 34.202

 100, 4.601, 34.202  44, 4.601, 34.202

 74, 4.601, 34.202  34, 4.601, 34.202


 84, 4.601, 34.202  24, 4.601, 34.202

 94, 4.601, 34.202  14, 4.601, 34.202

 4, 4.601, 34.202

 0, 4.601, 34.202

 54, 4.601, 34.202  54, 4.601, 34.202

 50, 9.867, 34.398  58, 0.267, 215.866

 47, 15.563, 34.683  61, 4.770, 214.446

44, 21.706, 35.141

65, 8.949, 214.529

41, 28.289, 35.822

69, 12.840,
214.683

38, 35.265, 36.769

72, 16.476,
214.876

35, 42.526, 37.999

33, 49.847, 39.457

76, 19.890,
215.093

31, 56.748, 40.899

80, 23.107,
215.327

29, 62.490, 42.033

83, 26.153,
215.571

87, 29.048,
215.821

Harmonies

Complementary

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



54, 4.601, 34.202



56, 4.340, 214.446

Rectangle

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



54, 4.601, 34.202



54, 4.601, 84.202



54, 4.601, 214.202



54, 4.601, 264.202

Sweetspot

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



54, 4.600, 34.223



71, 1.762, 34.003



54, 8.205, 329.360



37, 1.334, 34.061



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, 4.600, 34.223



68, 6.676, 34.252



56, 5.150, 88.595



27, 2.748, 34.218



28, 60.804, 41.980



0, 1.233, 34.285

Inverse Universe

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



56, 4.340, 214.446



70, 6.224, 214.453



54, 5.141, 271.004



28, 2.597, 214.445



43, 26.822, 224.635



1, 1.233, 214.305

Previews

White Background



This preview shows how the CIELCh color 54, 4.601, 34.202 looks on a white background.

Color Contrast Check

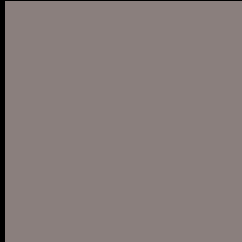
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.601, 34.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

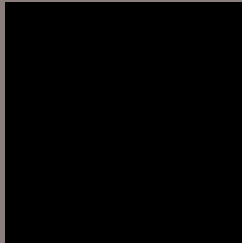
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 4.601, 34.202

Background



This preview shows how black text looks on a background with the CIELCh color 54, 4.601, 34.202.



This preview shows how white text looks on a background with the CIELCh color 54, 4.601, 34.202.

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, 4.601, 34.202

Protanopia

54, 2.089, 74.761

Deuteranopia

54, 7.340, 20.153



Tritanopia
54, 8.017, 334.340

Trichromacy



Original Color
54, 4.601, 34.202

Protanomaly
54, 2.663, 45.020

Deuteranomaly
54, 6.130, 25.350

Tritanomaly
54, 5.951, 351.143

Monochromacy



Original Color
54, 4.601, 34.202

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 1.691, 39.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 4.601, 34.202 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, 127, 125)` looks like.

```
.text, #text, p{  
    color:rgb(138, 127, 125)  
}
```

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, 127, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 127, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 4.601, 34.202 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, 127, 125) }
```

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

```
.border{ border-color:rgb(138, 127, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 127, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 127, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 127, 125);  
box-shadow:4px 4px 4px 4px rgb(138, 127,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 4.601, 34.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 127, 125) }
```

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

```
.background{ background-color: rgb(138,  
127, 125) }
```

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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