

Converting Colors

CIELCh(54, 7.202, 37.382)

Have a look what the booklet for
CIELCh(54, 7.202, 37.382) contains.

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Color

CIELCh(54, 6.966, 39.187)

Conversions

Conversions Part 1

Format	Color
Hex	8E7E7A
RGB	142, 126, 122
RGB Percent	56%, 49%, 48%
CMY	0.4443, 0.5070, 0.5227
CMYK	0.00, 0.11, 0.14, 0.44
HSL	12°, 8%, 52%
HSV	12°, 14%, 56%
XYZ	22.0276, 21.9746, 21.4031
YIQ	130.3280, 10.8200, 2.1480

Conversions

Conversions Part 2

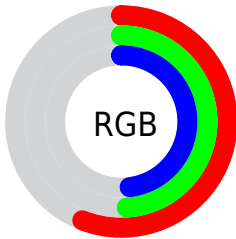
Format	Color
R_{YB}	142, 127, 122
Decimal	9338490
CIE Lab	54.00, 5.40, 4.40
CIE LCh	54, 6.966, 39.187
Yxy	21.9746, 0.3368, 0.3360
Android (android.graphics.Color)	4287528570 (0xFF8E7E7A)
YUV	130.3280, -4.1057, 10.2363
Hunter-Lab	46.8770, 1.8427, 5.7433

Details

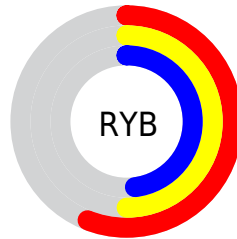
The CIELCh color $54, 6.966, 39.187$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 6.383, 219.991$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 7.046, 42.265$, and $34, 7.269, 40.294$ is the 20% darker color. If you saturate the color by 10%, you get $51, 12.392, 39.182$, and if you desaturate by 10%, it is $57, 1.948, 39.195$.

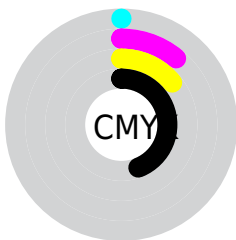
Distribution



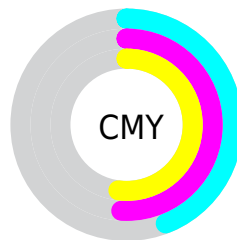
- Red (56%)
- Green (49%)
- Blue (48%)



- Red (56%)
- Yellow (50%)
- Blue (48%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (44%)



- Cyan (44%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 6.966, 39.187 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, 6.966, 39.187 by changing the saturation by 10% instead.

 54, 6.966, 39.187  54, 6.966, 39.187

 100, 6.966, 39.187  44, 6.966, 39.187

 74, 6.966, 39.187  34, 6.966, 39.187

 84, 6.966, 39.187  24, 6.966, 39.187

 94, 6.966, 39.187  14, 6.966, 39.187

 4, 6.966, 39.187

 0, 6.966, 39.187

 54, 6.966, 39.187  54, 6.966, 39.187

 51, 12.392, 39.182  57, 1.948, 39.195

 47, 18.259, 39.281  61, 2.695, 219.795

44, 24.580, 39.544

65, 7.004, 219.983

41, 31.344, 40.006

68, 11.015,
220.285

38, 38.492, 40.689

72, 14.764,
220.628

36, 45.881, 41.572

33, 53.189, 42.524

75, 18.283,
220.993

32, 59.737, 43.190

79, 21.600,
221.369

31, 63.233, 43.685

82, 24.740,
221.751

86, 27.724,
222.134

Harmonies

Complementary

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



54, 6.966, 39.187



56, 6.383, 219.991

Rectangle

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



54, 6.966, 39.187



54, 6.966, 89.187



54, 6.966, 219.187



54, 6.966, 269.187

Sweetspot

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



54, 6.965, 39.202



73, 2.344, 39.195



53, 12.155, 331.365



38, 1.664, 39.213



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



54, 6.965, 39.202



67, 10.505, 39.186



57, 8.320, 92.000



28, 2.751, 39.230



29, 60.785, 43.592



1, 1.798, 39.488

Inverse Universe

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



56, 6.383, 219.991



71, 9.418, 220.119



53, 8.344, 275.531



29, 2.603, 219.843



42, 27.350, 234.493



1, 1.798, 219.507

Previews

White Background



This preview shows how the CIELCh color 54, 6.966, 39.187 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, 6.966, 39.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

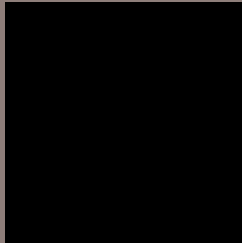
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 6.966, 39.187

Background



This preview shows how black text looks on a background with the CIELCh color 54, 6.966, 39.187.



This preview shows how white text looks on a background with the CIELCh color 54, 6.966, 39.187.

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, 6.966, 39.187

Protanopia

54, 3.794, 84.450

Deuteranopia

54, 8.015, 32.529



Tritanopia
54, 9.516, 343.296

Trichromacy



Original Color

54, 6.966, 39.187

Protanomaly

54, 4.328, 61.053

Deuteranomaly

54, 7.604, 33.167

Tritanomaly

54, 7.794, 358.659

Monochromacy



Original Color

54, 6.966, 39.187

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 2.469, 32.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 6.966, 39.187 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(142, 126, 122)` looks like.

```
.text, #text, p{  
    color:rgb(142, 126, 122)  
}
```

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(142, 126, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 126, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 6.966, 39.187 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(142, 126, 122) }
```

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

```
.border{ border-color:rgb(142, 126, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 126, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 126, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 126, 122);  
box-shadow:4px 4px 4px 4px rgb(142, 126,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 6.966, 39.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 126, 122) }
```

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

```
.background{ background-color: rgb(142,  
126, 122) }
```

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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