

Converting Colors

CIELCh(54, 8.229, 27.474)

Have a look what the booklet for
CIELCh(54, 8.229, 27.474) contains.

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Color

CIELCh(54, 7.887, 28.518)

Conversions

Conversions Part 1

Format	Color
Hex	907D7B
RGB	144, 125, 123
RGB Percent	56%, 49%, 48%
CMY	0.4359, 0.5103, 0.5182
CMYK	0.00, 0.13, 0.15, 0.44
HSL	6°, 9%, 52%
HSV	6°, 15%, 56%
XYZ	22.3586, 21.9746, 21.7562
YIQ	130.4530, 11.9660, 3.4060

Conversions

Conversions Part 2

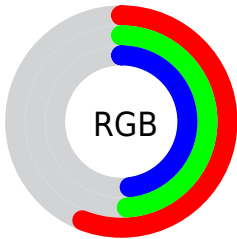
Format	Color
RYB	144, 125, 123
Decimal	9469307
CIELab	54.00, 6.93, 3.77
CIELCh	54, 7.887, 28.518
Yxy	21.9746, 0.3383, 0.3325
Android (android.graphics.Color)	4287659387 (0xFF907D7B)
YUV	130.4530, -3.6743, 11.8807
Hunter-Lab	46.8770, 3.1031, 5.2967

Details

The CIELCh color $54, 7.887, 28.518$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 7.180, 207.956$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 7.829, 31.846$, and $34, 7.802, 29.675$ is the 20% darker color. If you saturate the color by 10%, you get $50, 13.835, 29.037$, and if you desaturate by 10%, it is $58, 2.385, 28.072$.

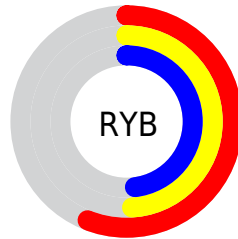
Distribution



Red (56%)

Green (49%)

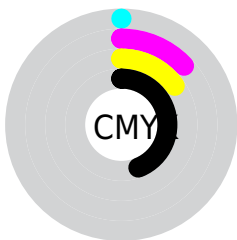
Blue (48%)



Red (56%)

Yellow (49%)

Blue (48%)

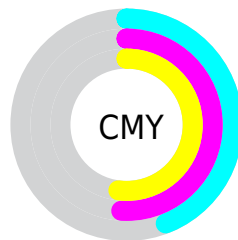


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (44%)



Cyan (44%)

Magenta (51%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 7.887, 28.518 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, 7.887, 28.518 by changing the saturation by 10% instead.

 54, 7.887, 28.518  54, 7.887, 28.518

 100, 7.887, 28.518  44, 7.887, 28.518

 74, 7.887, 28.518  34, 7.887, 28.518

 84, 7.887, 28.518  24, 7.887, 28.518

 94, 7.887, 28.518  14, 7.887, 28.518

 4, 7.887, 28.518

 0, 7.887, 28.518

 54, 7.887, 28.518  54, 7.887, 28.518

 50, 13.835, 29.037  58, 2.385, 28.072

 46, 20.248, 29.729  62, 2.699, 208.202

43, 27.114, 30.671

66, 7.405, 207.973

40, 34.385, 31.930

70, 11.774,
207.890

37, 41.949, 33.558

74, 15.843,
207.869

34, 49.609, 35.561

32, 57.000, 37.795

78, 19.650,
207.888

31, 63.335, 39.772

82, 23.225,
207.937

30, 66.181, 40.814

86, 26.599,
208.007

90, 29.795,
208.092

Harmonies

Complementary

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



54, 7.887, 28.518



58, 7.180, 207.956

Rectangle

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



54, 7.887, 28.518



54, 7.887, 78.518



54, 7.887, 208.518



54, 7.887, 258.518

Sweetspot

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



54, 7.886, 28.530



74, 2.557, 28.035



54, 13.815, 327.568



39, 1.837, 28.084



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



54, 7.886, 28.530



67, 12.186, 28.704



57, 7.830, 82.037



28, 2.967, 28.300



28, 62.825, 40.558



1, 1.937, 28.136

Inverse Universe

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



58, 7.180, 207.956



72, 10.807, 207.909



55, 7.694, 265.872



29, 2.802, 208.062



47, 28.003, 212.785



2, 1.937, 208.155

Previews

White Background



This preview shows how the CIELCh color 54, 7.887, 28.518 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, 7.887, 28.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

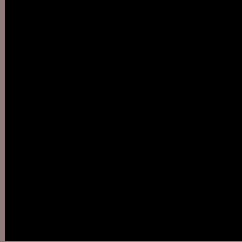
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 7.887, 28.518

Background



This preview shows how black text looks on a background with the CIELCh color 54, 7.887, 28.518.



This preview shows how white text looks on a background with the CIELCh color 54, 7.887, 28.518.

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, 7.887, 28.518

Protanopia

54, 2.582, 82.009

Deuteranopia

54, 7.887, 28.518



Tritanopia
54, 10.513, 347.465

Trichromacy



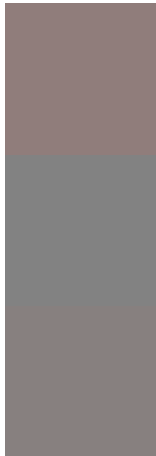
Original Color
54, 7.887, 28.518

Protanomaly
54, 4.029, 44.956

Deuteranomaly
54, 7.887, 28.518

Tritanomaly
54, 8.958, 1.734

Monochromacy



Original Color
54, 7.887, 28.518

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 2.865, 31.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 7.887, 28.518 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(144, 125, 123)` looks like.

```
.text, #text, p{  
    color:rgb(144, 125, 123)  
}
```

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(144, 125, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 125, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 7.887, 28.518 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(144, 125, 123) }
```

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

```
.border{ border-color:rgb(144, 125, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 125, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 125, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 125, 123);  
box-shadow:4px 4px 4px 4px rgb(144, 125,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 7.887, 28.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 125, 123) }
```

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

```
.background{ background-color: rgb(144,  
125, 123) }
```

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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