

Converting Colors

CIELCh(54, 6.798, 54.547)

Have a look what the booklet for
CIELCh(54, 6.798, 54.547) contains.

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Color

CIELCh(54, 6.725, 50.617)

Conversions

Conversions Part 1

Format	Color
Hex	8C7E78
RGB	140, 126, 120
RGB Percent	55%, 49%, 47%
CMY	0.4497, 0.5046, 0.5281
CMYK	0.00, 0.10, 0.14, 0.45
HSL	18°, 8%, 51%
HSV	18°, 14%, 55%
XYZ	21.7849, 21.9746, 20.9664
YIQ	129.5020, 10.2700, 1.1020

Conversions

Conversions Part 2

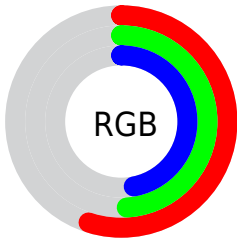
Format	Color
R_{YB}	140, 129, 120
Decimal	9207416
CIE _{Lab}	54.00, 4.27, 5.20
CIE _{LCh}	54, 6.725, 50.617
Yxy	21.9746, 0.3366, 0.3395
Android (android.graphics.Color)	4287397496 (0xFF8C7E78)
YUV	129.5020, -4.6845, 9.2067
Hunter-Lab	46.8770, 0.9184, 6.2957

Details

The CIELCh color $54, 6.725, 50.617$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 6.229, 232.733$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 6.882, 52.931$, and $34, 6.700, 47.804$ is the 20% darker color. If you saturate the color by 10%, you get $51, 11.874, 50.106$, and if you desaturate by 10%, it is $57, 1.936, 51.101$.

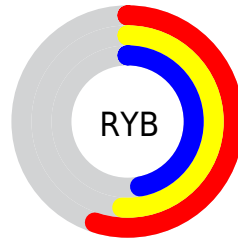
Distribution



Red (55%)

Green (49%)

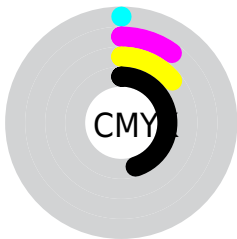
Blue (47%)



Red (55%)

Yellow (51%)

Blue (47%)

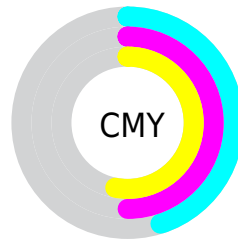


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (45%)



Cyan (45%)

Magenta (50%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 6.725, 50.617 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, 6.725, 50.617 by changing the saturation by 10% instead.

■ 54, 6.725, 50.617 ■ 54, 6.725, 50.617

■ 100, 6.725, 50.617 ■ 44, 6.725, 50.617

■ 74, 6.725, 50.617 ■ 34, 6.725, 50.617

■ 84, 6.725, 50.617 ■ 24, 6.725, 50.617

■ 94, 6.725, 50.617 ■ 14, 6.725, 50.617

■ 4, 6.725, 50.617

■ 0, 6.725, 50.617

■ 54, 6.725, 50.617 ■ 54, 6.725, 50.617

■ 51, 11.874, 50.106 ■ 57, 1.936, 51.101

■ 48, 17.414, 49.642 ■ 60, 2.528, 232.108

45, 23.365, 49.272

63, 6.702, 232.691

42, 29.725, 49.014

66, 10.619,
233.361

40, 36.449, 48.866

70, 14.310,
234.048

37, 43.408, 48.786

35, 50.291, 48.636

73, 17.802,
234.736

33, 56.474, 48.109

76, 21.121,
235.416

32, 59.993, 48.077

79, 24.287,
236.084

82, 27.319,
236.736

Harmonies

Complementary

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



54, 6.725, 50.617



55, 6.229, 232.733

Rectangle

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



54, 6.725, 50.617



54, 6.725, 100.617



54, 6.725, 230.617



54, 6.725, 280.617

Sweetspot

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



54, 6.725, 50.633



73, 2.262, 51.103



53, 11.356, 335.218



38, 1.606, 51.090



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, 6.725, 50.633



68, 10.099, 50.465



57, 9.235, 98.816



29, 2.651, 50.903



31, 58.187, 48.099



1, 1.739, 51.567

Inverse Universe

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



55, 6.229, 232.733



70, 9.183, 233.015



52, 9.379, 282.125



29, 2.528, 232.332



38, 30.200, 254.712



1, 1.739, 231.586

Previews

White Background



This preview shows how the CIELCh color 54, 6.725, 50.617 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, 6.725, 50.617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

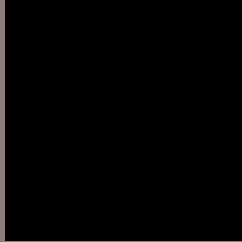
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 6.725, 50.617

Background



This preview shows how black text looks on a background with the CIELCh color 54, 6.725, 50.617.



This preview shows how white text looks on a background with the CIELCh color 54, 6.725, 50.617.

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, 6.725, 50.617

Protanopia

54, 4.323, 87.584

Deuteranopia

54, 8.589, 35.641



Tritanopia
54, 9.202, 341.727

Trichromacy



Original Color
54, 6.725, 50.617

Protanomaly
54, 5.173, 70.421

Deuteranomaly
54, 7.777, 37.223

Tritanomaly
54, 6.844, 0.523

Monochromacy



Original Color
54, 6.725, 50.617

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 2.635, 60.178

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 54, 6.725, 50.617 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(140, 126, 120)` looks like.

```
.text, #text, p{  
    color:rgb(140, 126, 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(140, 126, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 126, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 6.725, 50.617 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(140, 126, 120) }
```

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

```
.border{ border-color:rgb(140, 126, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 126, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 126, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 126, 120);  
box-shadow:4px 4px 4px 4px rgb(140, 126,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 6.725, 50.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 126, 120) }
```

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

```
.background{ background-color: rgb(140,  
126, 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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