

Converting Colors

CIELCh(54, 12.726, 20.788)

Have a look what the booklet for
CIELCh(54, 12.726, 20.788) contains.

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Color

CIELCh(54, 12.438, 20.762)

Conversions

Conversions Part 1

Format	Color
Hex	987A7A
RGB	152, 122, 122
RGB Percent	60%, 48%, 48%
CMY	0.4042, 0.5218, 0.5218
CMYK	0.00, 0.20, 0.20, 0.40
HSL	0°, 13%, 54%
HSV	0°, 20%, 60%
XYZ	23.3957, 21.9746, 21.3989
YIQ	130.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

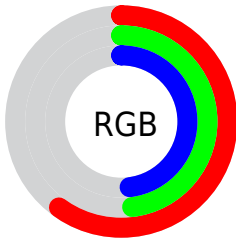
Format	Color
R_{YB}	152, 122, 122
Decimal	9992826
CIE _{Lab}	54.00, 11.63, 4.41
CIE _{LCh}	54, 12.438, 20.762
Yxy	21.9746, 0.3504, 0.3291
Android (android.graphics.Color)	4288182906 (0xFF987A7A)
YUV	130.9700, -4.4222, 18.4433
Hunter-Lab	46.8770, 7.0521, 5.7486

Details

The CIELCh color $54, 12.438, 20.762$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $61, 10.962, 198.441$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 12.752, 20.462$, and $34, 12.350, 21.363$ is the 20% darker color. If you saturate the color by 10%, you get $50, 19.449, 21.798$, and if you desaturate by 10%, it is $58, 5.906, 19.943$.

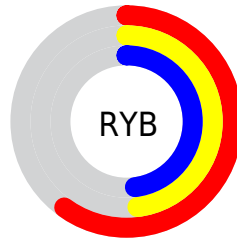
Distribution



Red (60%)

Green (48%)

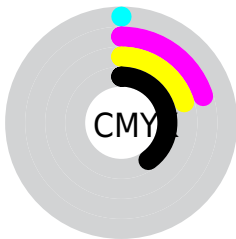
Blue (48%)



Red (60%)

Yellow (48%)

Blue (48%)

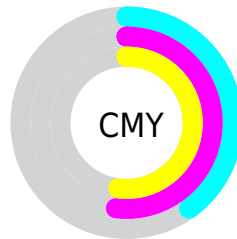


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (40%)



Cyan (40%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 12.438, 20.762 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, 12.438, 20.762 by changing the saturation by 10% instead.

■ 54, 12.438, 20.762

■ 54, 12.438, 20.762

■ 100, 12.438,
20.762

■ 44, 12.438, 20.762

■ 74, 12.438, 20.762

■ 34, 12.438, 20.762

■ 84, 12.438, 20.762

■ 24, 12.438, 20.762

■ 94, 12.438, 20.762

■ 14, 12.438, 20.762

■ 4, 12.438, 20.762

■ 0, 12.438, 20.762

■ 54, 12.438, 20.762

■ 54, 12.438, 20.762

■ 50, 19.449, 21.798

■ 58, 5.906, 19.943

■ 46, 26.913, 23.125

■ 63, 0.149, 202.437

42, 34.738, 24.848

68, 5.756, 198.998

38, 42.769, 27.069

72, 10.958,
198.575

36, 50.770, 29.864

77, 15.796,
198.251

33, 58.422, 33.186

32, 65.167, 36.654

81, 20.312,
197.992

31, 70.401, 39.432

86, 24.547,
197.780

31, 70.532, 39.495

91, 28.536,
197.605

94, 31.418,
197.484

Harmonies

Complementary

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



54, 12.438, 20.762



61, 10.962, 198.441

Rectangle

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



54, 12.438, 20.762



54, 12.438, 70.762



54, 12.438, 200.762



54, 12.438, 250.762

Sweetspot

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



54, 12.437, 20.769



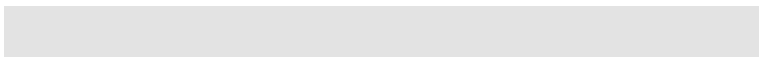
76, 4.421, 19.656



55, 20.717, 325.486



40, 2.962, 19.704



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



54, 12.437, 20.769



66, 18.968, 21.224



58, 10.551, 73.027



30, 3.439, 19.903



28, 66.112, 39.051



1, 3.595, 19.412

Inverse Universe

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



61, 10.962, 198.441



76, 16.174, 198.215



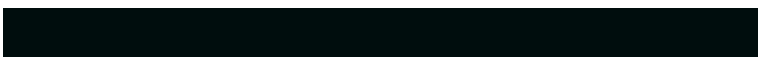
56, 10.031, 258.179



32, 3.249, 199.007



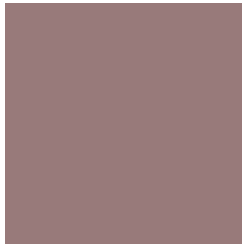
53, 32.116, 196.399



3, 3.595, 199.430

Previews

White Background



This preview shows how the CIELCh color 54, 12.438, 20.762 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, 12.438, 20.762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

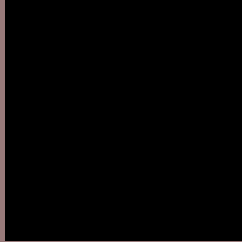
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 12.438, 20.762

Background



This preview shows how black text looks on a background with the CIELCh color 54, 12.438, 20.762.



This preview shows how white text looks on a background with the CIELCh color 54, 12.438, 20.762.

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, 12.438, 20.762

Protanopia

54, 2.089, 74.761

Deuteranopia

54, 8.589, 35.641



Tritanopia
54, 13.937, 359.356

Trichromacy



Original Color
54, 12.438, 20.762

Protanomaly
54, 5.307, 26.092

Deuteranomaly
54, 10.107, 30.172

Tritanomaly
54, 13.506, 6.260

Monochromacy



Original Color
54, 12.438, 20.762

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 4.428, 19.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 12.438, 20.762 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(152, 122, 122)` looks like.

```
.text, #text, p{  
    color:rgb(152, 122, 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(152, 122, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 122, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 12.438, 20.762 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(152, 122, 122) }
```

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

```
.border{ border-color:rgb(152, 122, 122) }
```

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

Here you see how a box with a 4 pixel rgb(152, 122, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 122, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 122, 122);  
box-shadow:4px 4px 4px 4px rgb(152, 122,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 12.438, 20.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 122, 122) }
```

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

```
.background{ background-color: rgb(152,  
122, 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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