

Converting Colors

CIELCh(54, 25.172, 2.533)

Have a look what the booklet for
CIELCh(54, 25.172, 2.533) contains.

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Color

CIELCh(54, 25.103, 2.754)

Conversions

Conversions Part 1

Format	Color
Hex	AB7180
RGB	171, 113, 128
RGB Percent	67%, 44%, 50%
CMY	0.3300, 0.5574, 0.4986
CMYK	0.00, 0.34, 0.25, 0.33
HSL	344°, 26%, 56%
HSV	344°, 34%, 67%
XYZ	26.5379, 21.9746, 23.2164
YIQ	132.0520, 29.7530, 16.9610

Conversions

Conversions Part 2

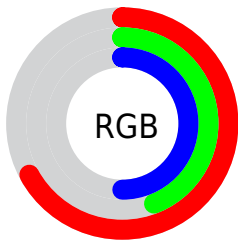
Format	Color
RYB	171, 113, 128
Decimal	11235712
CIELab	54.00, 25.07, 1.21
CIELCh	54, 25.103, 2.754
Yxy	21.9746, 0.3700, 0.3064
Android (android.graphics.Color)	4289425792 (0xFFAB7180)
YUV	132.0520, -1.9976, 34.1574
Hunter-Lab	46.8770, 19.0173, 3.4499

Details

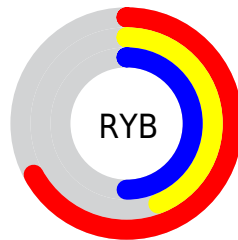
The CIELCh color **54, 25.103, 2.754** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **66, 22.358, 175.594**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 25.201, 1.926**, and **34, 24.990, 2.594** is the 20% darker color. If you saturate the color by 10%, you get **50, 32.861, 4.422**, and if you desaturate by 10%, it is **59, 17.409, 1.376**.

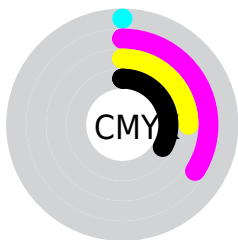
Distribution



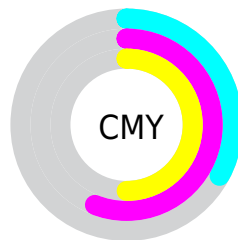
- Red (67%)
- Green (44%)
- Blue (50%)



- Red (67%)
- Yellow (44%)
- Blue (50%)



- Cyan (0%)
- Magenta (34%)
- Yellow (25%)
- Black (33%)




- Cyan (33%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 25.103, 2.754 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, 25.103, 2.754 by changing the saturation by 10% instead.

 54, 25.103, 2.754  54, 25.103, 2.754

 100, 25.103, 2.754  44, 25.103, 2.754

 74, 25.103, 2.754  34, 25.103, 2.754

 84, 25.103, 2.754  24, 25.103, 2.754

 94, 25.103, 2.754  14, 25.103, 2.754

 4, 25.103, 2.754

 0, 25.103, 2.754

 54, 25.103, 2.754  54, 25.103, 2.754

 50, 32.861, 4.422  59, 17.409, 1.376

 46, 40.469, 6.472  63, 9.931, 0.199

42, 47.628, 9.040

68, 2.745, 359.090

40, 54.018, 12.282

73, 4.112, 178.489

38, 59.397, 16.346

78, 10.637,
177.658

36, 63.743, 21.276

83, 16.839,
176.959

36, 66.227, 24.383

88, 22.741,
176.336

93, 28.366,
175.773

95, 28.235,
183.709

Harmonies

Complementary

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



54, 25.103, 2.754



66, 22.358, 175.594

Rectangle

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



54, 25.103, 2.754



54, 25.103, 52.754



54, 25.103, 182.754



54, 25.103, 232.754

Sweetspot

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



54, 25.101, 2.757



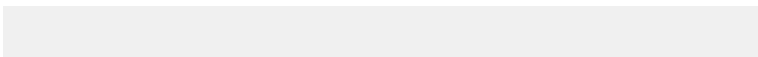
82, 8.738, 359.791



54, 36.724, 318.215



43, 6.028, 359.938



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



54, 25.101, 2.757



65, 37.853, 4.024



57, 20.815, 42.614



33, 3.942, 359.695



30, 59.281, 23.643



1, 6.935, 1.540

Inverse Universe

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



54, 25.101, 2.757



65, 37.853, 4.024



62, 16.574, 225.696



33, 3.942, 359.695



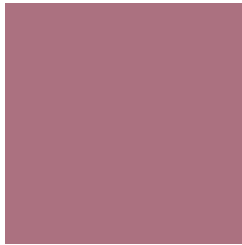
30, 59.281, 23.643



1, 6.935, 1.540

Previews

White Background



This preview shows how the CIELCh color 54, 25.103, 2.754 looks on a white background.

Color Contrast Check

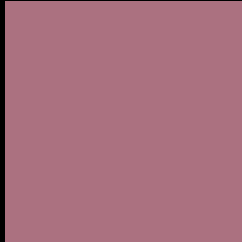
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.103, 2.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

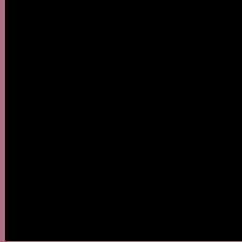
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 25.103, 2.754

Background



This preview shows how black text looks on a background with the CIELCh color 54, 25.103, 2.754.



This preview shows how white text looks on a background with the CIELCh color 54, 25.103, 2.754.

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, 25.103, 2.754

Protanopia

54, 4.635, 295.537

Deuteranopia

54, 7.342, 15.692



Tritanopia
54, 23.707, 11.301

Trichromacy



Original Color
54, 25.103, 2.754

Protanomaly
54, 10.823, 344.887

Deuteranomaly
54, 13.506, 6.260

Tritanomaly
54, 23.803, 8.578

Monochromacy



Original Color
54, 25.103, 2.754

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 8.945, 1.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 25.103, 2.754 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(171, 113, 128)` looks like.

```
.text, #text, p{  
    color:rgb(171, 113, 128)  
}
```

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(171, 113, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 113, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 25.103, 2.754 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(171, 113, 128) }
```

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

```
.border{ border-color:rgb(171, 113, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 113, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 113, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 113, 128);  
box-shadow:4px 4px 4px 4px rgb(171, 113,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 25.103, 2.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 113, 128) }
```

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

```
.background{ background-color: rgb(171,  
113, 128) }
```

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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