

Converting Colors

CIELCh(54, 21.648, 21.887)

Have a look what the booklet for
CIELCh(54, 21.648, 21.887) contains.

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Color

CIELCh(54, 21.654, 21.914)

Conversions

Conversions Part 1

Format	Color
Hex	A77474
RGB	167, 116, 116
RGB Percent	65%, 45%, 45%
CMY	0.3450, 0.5450, 0.5450
CMYK	0.00, 0.31, 0.31, 0.35
HSL	0°, 22%, 55%
HSV	0°, 31%, 65%
XYZ	25.3420, 21.9746, 19.4347
YIQ	131.2490, 30.3960, 10.8120

Conversions

Conversions Part 2

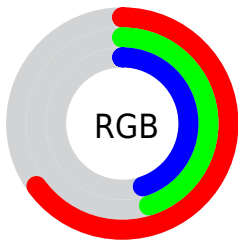
Format	Color
R_{YB}	167, 116, 116
Decimal	10974324
CIE _{Lab}	54.00, 20.09, 8.08
CIE _{LCh}	54, 21.654, 21.914
Yxy	21.9746, 0.3796, 0.3292
Android (android.graphics.Color)	4289164404 (0xFFA77474)
YUV	131.2490, -7.5178, 31.3536
Hunter-Lab	46.8770, 14.4635, 8.2329

Details

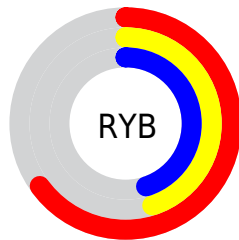
The CIELCh color $54, 21.654, 21.914$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $65, 17.633, 197.932$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 21.690, 21.308$, and $34, 21.982, 21.599$ is the 20% darker color. If you saturate the color by 10%, you get $50, 29.763, 23.294$, and if you desaturate by 10%, it is $59, 14.026, 20.856$.

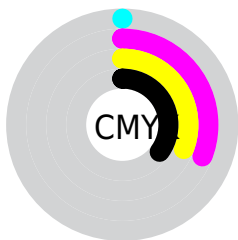
Distribution



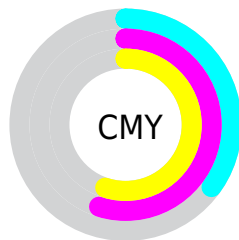
- Red (65%)
- Green (45%)
- Blue (45%)



- Red (65%)
- Yellow (45%)
- Blue (45%)



- Cyan (0%)
- Magenta (31%)
- Yellow (31%)
- Black (35%)



- Cyan (35%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 21.654, 21.914 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, 21.654, 21.914 by changing the saturation by 10% instead.

■ 54, 21.654, 21.914

■ 54, 21.654, 21.914

■ 100, 21.654,
21.914

■ 44, 21.654, 21.914

■ 74, 21.654, 21.914

■ 34, 21.654, 21.914

■ 84, 21.654, 21.914

■ 24, 21.654, 21.914

■ 94, 21.654, 21.914

■ 14, 21.654, 21.914

■ 4, 21.654, 21.914

■ 0, 21.654, 21.914

■ 54, 21.654, 21.914

■ 54, 21.654, 21.914

■ 50, 29.763, 23.294

■ 59, 14.026, 20.856

■ 46, 38.253, 25.081

■ 63, 6.923, 20.010

42, 46.940, 27.388

68, 0.340, 18.027

39, 55.557, 30.281

73, 5.754, 199.034

37, 63.734, 33.682

78, 11.402,
198.597

35, 70.793, 37.130

83, 16.651,
198.266

34, 76.003, 39.845

88, 21.548,
198.002

93, 26.136,
197.787

95, 27.553,
197.719

Harmonies

Complementary

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



54, 21.654, 21.914



65, 17.633, 197.932

Rectangle

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



54, 21.654, 21.914



54, 21.654, 71.914



54, 21.654, 201.914



54, 21.654, 251.914

Sweetspot

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



54, 21.652, 21.919



81, 7.272, 19.903



56, 34.566, 326.065



42, 5.122, 20.012



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



54, 21.652, 21.919



65, 33.263, 22.862



61, 18.086, 71.686



33, 3.724, 19.913



30, 69.026, 39.361



1, 6.572, 19.410

Inverse Universe

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



65, 17.633, 197.932



82, 25.650, 197.638



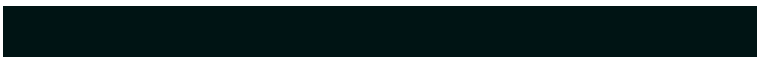
58, 16.645, 260.137



35, 3.515, 198.998



55, 33.384, 196.398



5, 6.571, 199.431

Previews

White Background



This preview shows how the CIELCh color 54, 21.654, 21.914 looks on a white background.

Color Contrast Check

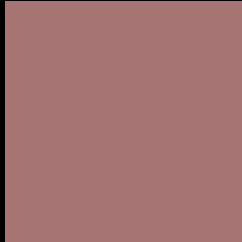
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.654, 21.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

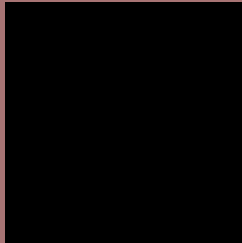
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 21.654, 21.914

Background



This preview shows how black text looks on a background with the CIELCh color 54, 21.654, 21.914.



This preview shows how white text looks on a background with the CIELCh color 54, 21.654, 21.914.

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, 21.654, 21.914

Protanopia

54, 3.794, 84.450

Deuteranopia

54, 11.281, 53.999



Tritanopia
54, 22.479, 9.032

Trichromacy



Original Color
54, 21.654, 21.914

Protanomaly
54, 9.013, 34.963

Deuteranomaly
54, 14.192, 37.078

Tritanomaly
54, 22.367, 13.368

Monochromacy



Original Color
54, 21.654, 21.914

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 7.329, 20.146

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 21.654, 21.914 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(167, 116, 116)` looks like.

```
.text, #text, p{  
    color:rgb(167, 116, 116)  
}
```

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(167, 116, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 116, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 21.654, 21.914 is called "border". The border property can be set on classes, ids or directly on the HTML element.

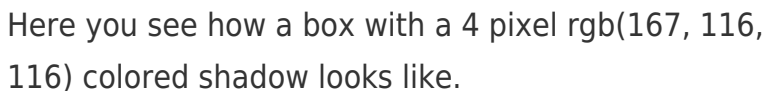
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 116, 116) }
```

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

```
.border{ border-color:rgb(167, 116, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 116, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 116, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 116, 116); box-shadow:4px 4px 4px 4px rgb(167, 116, 116) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 21.654, 21.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 116, 116) }
```

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

```
.background{ background-color: rgb(167,  
116, 116) }
```

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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