

Converting Colors

CIELCh(54, 21.282, 21.889)

Have a look what the booklet for
CIELCh(54, 21.282, 21.889) contains.

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Color

CIELCh(54, 21.219, 21.862)

Conversions

Conversions Part 1

Format	Color
Hex	A67474
RGB	166, 116, 116
RGB Percent	65%, 45%, 45%
CMY	0.3477, 0.5439, 0.5439
CMYK	0.00, 0.30, 0.30, 0.35
HSL	0°, 22%, 55%
HSV	0°, 30%, 65%
XYZ	25.2485, 21.9746, 19.5282
YIQ	130.9500, 29.8000, 10.6000

Conversions

Conversions Part 2

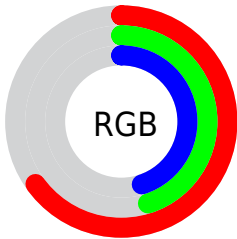
Format	Color
R _Y B	166, 116, 116
Decimal	10908788
CIE Lab	54.00, 19.69, 7.90
CIE LCh	54, 21.219, 21.862
Yxy	21.9746, 0.3782, 0.3292
Android (android.graphics.Color)	4289098868 (0xFFA67474)
YUV	130.9500, -7.3703, 30.7389
Hunter-Lab	46.8770, 14.1073, 8.1147

Details

The CIELCh color **54, 21.219, 21.862** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **65, 17.340, 197.958**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 21.285, 21.271**, and **34, 21.510, 21.480** is the 20% darker color. If you saturate the color by 10%, you get **50, 29.279, 23.224**, and if you desaturate by 10%, it is **59, 13.640, 20.817**.

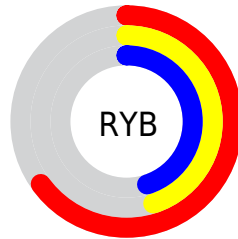
Distribution



Red (65%)

Green (45%)

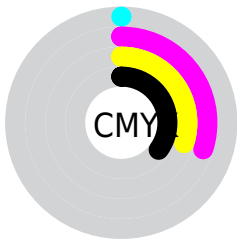
Blue (45%)



Red (65%)

Yellow (45%)

Blue (45%)

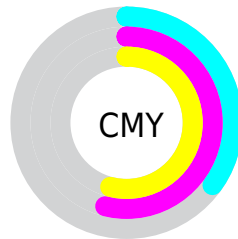


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (35%)



Cyan (35%)

Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 21.219, 21.862 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, 21.219, 21.862 by changing the saturation by 10% instead.

■ 54, 21.219, 21.862

■ 54, 21.219, 21.862

■ 100, 21.219,
21.862

■ 44, 21.219, 21.862

■ 74, 21.219, 21.862

■ 34, 21.219, 21.862

■ 84, 21.219, 21.862

■ 24, 21.219, 21.862

■ 94, 21.219, 21.862

■ 14, 21.219, 21.862

■ 4, 21.219, 21.862

■ 0, 21.219, 21.862

■ 54, 21.219, 21.862

■ 54, 21.219, 21.862

■ 50, 29.279, 23.224

■ 59, 13.640, 20.817

■ 46, 37.726, 24.989

■ 63, 6.586, 19.978

42, 46.380, 27.267

68, 0.049, 9.645

39, 54.980, 30.130

73, 6.003, 199.015

37, 63.162, 33.512

78, 11.612,
198.586

35, 70.278, 36.976

83, 16.827,
198.259

34, 75.760, 39.835

88, 21.693,
197.997

93, 26.252,
197.784

95, 27.735,
197.708

Harmonies

Complementary

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



54, 21.219, 21.862



65, 17.340, 197.958

Rectangle

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



54, 21.219, 21.862



54, 21.219, 71.862



54, 21.219, 201.862



54, 21.219, 251.862

Sweetspot

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



54, 21.217, 21.867



81, 7.272, 19.907



56, 33.939, 326.041



42, 5.121, 20.017



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, 21.217, 21.867



66, 32.250, 22.720



60, 17.735, 71.744



33, 3.723, 19.917



30, 69.025, 39.361



1, 6.571, 19.415

Inverse Universe

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



65, 17.340, 197.958



82, 25.066, 197.684



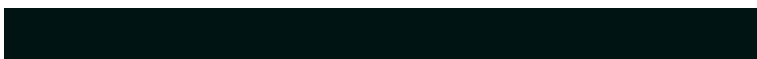
58, 16.345, 260.045



35, 3.515, 199.003



55, 33.381, 196.407



5, 6.570, 199.438

Previews

White Background



This preview shows how the CIELCh color 54, 21.219, 21.862 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, 21.219, 21.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

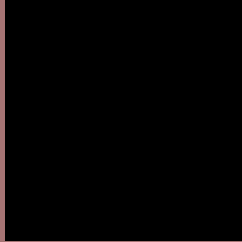
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 21.219, 21.862

Background



This preview shows how black text looks on a background with the CIELCh color 54, 21.219, 21.862.



This preview shows how white text looks on a background with the CIELCh color 54, 21.219, 21.862.

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, 21.219, 21.862

Protanopia

54, 3.794, 84.450

Deuteranopia

54, 10.942, 51.646



Tritanopia
54, 22.069, 8.722

Trichromacy



Original Color
54, 21.219, 21.862

Protanomaly
54, 8.856, 31.444

Deuteranomaly
54, 14.192, 37.078

Tritanomaly
54, 21.945, 13.141

Monochromacy



Original Color
54, 21.219, 21.862

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, 21.219, 21.862 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(166, 116, 116)` looks like.

```
.text, #text, p{  
    color:rgb(166, 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(166, 116, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 116, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 21.219, 21.862 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(166, 116, 116) }
```

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

```
.border{ border-color:rgb(166, 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(166, 116, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 116, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 116, 116);  
box-shadow:4px 4px 4px 4px rgb(166, 116,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 21.219, 21.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 116, 116) }
```

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

```
.background{ background-color: rgb(166,  
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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