

Converting Colors

CIELCh(54, 21.107, 7.914)

Have a look what the booklet for
CIELCh(54, 21.107, 7.914) contains.

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Color

CIELCh(54, 21.218, 8.048)

Conversions

Conversions Part 1

Format	Color
Hex	A6747D
RGB	166, 116, 125
RGB Percent	65%, 45%, 49%
CMY	0.3502, 0.5462, 0.5109
CMYK	0.00, 0.30, 0.25, 0.35
HSL	349°, 22%, 55%
HSV	349°, 30%, 65%
XYZ	25.5599, 21.9746, 22.2029
YIQ	131.9760, 26.9110, 13.3990

Conversions

Conversions Part 2

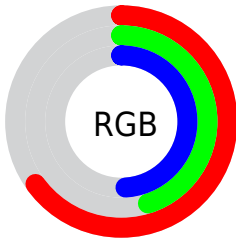
Format	Color
R_{YB}	166, 116, 125
Decimal	10908797
CIE _{Lab}	54.00, 21.01, 2.97
CIE _{LCh}	54, 21.218, 8.048
Yxy	21.9746, 0.3665, 0.3151
Android (android.graphics.Color)	4289098877 (0xFFA6747D)
YUV	131.9760, -3.4392, 29.8390
Hunter-Lab	46.8770, 15.2931, 4.7317

Details

The CIELCh color **54, 21.218, 8.048** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 18.610, 182.104**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 21.466, 6.937**, and **34, 21.357, 8.291** is the 20% darker color. If you saturate the color by 10%, you get **50, 28.816, 9.626**, and if you desaturate by 10%, it is **59, 13.845, 6.755**.

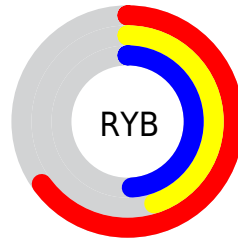
Distribution



Red (65%)

Green (45%)

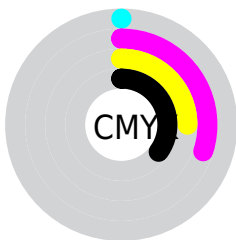
Blue (49%)



Red (65%)

Yellow (45%)

Blue (49%)

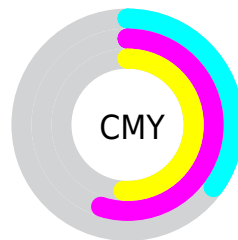


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (35%)



Cyan (35%)

Magenta (55%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 21.218, 8.048 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, 21.218, 8.048 by changing the saturation by 10% instead.

 54, 21.218, 8.048  54, 21.218, 8.048

 100, 21.218, 8.048  44, 21.218, 8.048

 74, 21.218, 8.048  34, 21.218, 8.048


 84, 21.218, 8.048  24, 21.218, 8.048

 94, 21.218, 8.048  14, 21.218, 8.048

 4, 21.218, 8.048

 0, 21.218, 8.048

 54, 21.218, 8.048  54, 21.218, 8.048

 50, 28.816, 9.626  59, 13.845, 6.755

 46, 36.487, 11.577  63, 6.795, 5.648

42, 43.996, 14.028

68, 0.107, 0.608

39, 51.065, 17.123

73, 6.214, 184.090

37, 57.438, 20.984

78, 12.181,
183.369

35, 62.984, 25.621

82, 17.817,
182.750

34, 67.895, 30.440

87, 23.152,
182.203

92, 28.216,
181.712

94, 28.781,
189.340

Harmonies

Complementary

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



54, 21.218, 8.048



64, 18.610, 182.104

Rectangle

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



54, 21.218, 8.048



54, 21.218, 58.048



54, 21.218, 188.048



54, 21.218, 238.048

Sweetspot

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



54, 21.216, 8.052



80, 7.399, 5.543



54, 32.394, 320.633



42, 5.152, 5.689



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



54, 21.216, 8.052



65, 31.633, 9.036



58, 17.250, 51.627



32, 3.728, 5.553



30, 61.316, 29.795



1, 5.632, 6.104

Inverse Universe

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



54, 21.216, 8.052



65, 31.633, 9.036



60, 14.521, 236.787



32, 3.728, 5.553



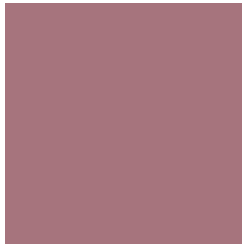
30, 61.316, 29.795



1, 5.632, 6.104

Previews

White Background



This preview shows how the CIELCh color 54, 21.218, 8.048 looks on a white background.

Color Contrast Check

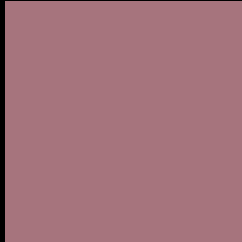
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.218, 8.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

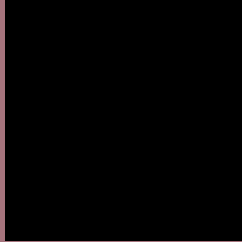
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 21.218, 8.048

Background



This preview shows how black text looks on a background with the CIELCh color 54, 21.218, 8.048.



This preview shows how white text looks on a background with the CIELCh color 54, 21.218, 8.048.

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, 21.218, 8.048

Protanopia

54, 1.914, 314.693

Deuteranopia

54, 7.887, 28.518



Tritanopia
54, 21.218, 8.048

Trichromacy



Original Color
54, 21.218, 8.048

Protanomaly
54, 8.571, 0.798

Deuteranomaly
54, 12.411, 15.511

Tritanomaly
54, 21.218, 8.048

Monochromacy



Original Color
54, 21.218, 8.048

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 7.471, 6.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 21.218, 8.048 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(166, 116, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 116, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 21.218, 8.048 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, 125) }
```

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

```
.border{ border-color:rgb(166, 116, 125) }
```

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, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 116, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 116, 125);  
box-shadow:4px 4px 4px 4px rgb(166, 116,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 21.218, 8.048 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, 125) }
```

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

```
.background{ background-color: rgb(166,  
116, 125) }
```

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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