

Converting Colors

CIELCh(54, 21.113, 1.660)

Have a look what the booklet for
CIELCh(54, 21.113, 1.660) contains.

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Color

CIELCh(54, 20.864, 1.184)

Conversions

Conversions Part 1

Format	Color
Hex	A47481
RGB	164, 116, 129
RGB Percent	64%, 45%, 51%
CMY	0.3568, 0.5450, 0.4940
CMYK	0.00, 0.29, 0.21, 0.36
HSL	344°, 21%, 55%
HSV	344°, 29%, 64%
XYZ	25.5244, 21.9746, 23.6711
YIQ	131.8340, 24.4350, 14.2190

Conversions

Conversions Part 2

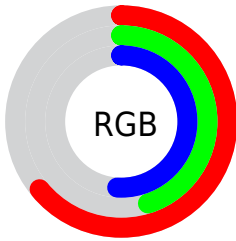
Format	Color
RYB	164, 116, 129
Decimal	10777729
CIELab	54.00, 20.86, 0.43
CIElCh	54, 20.864, 1.184
Yxy	21.9746, 0.3586, 0.3088
Android (android.graphics.Color)	4288967809 (0xFFA47481)
YUV	131.8340, -1.3972, 28.2096
Hunter-Lab	46.8770, 15.1579, 2.8748

Details

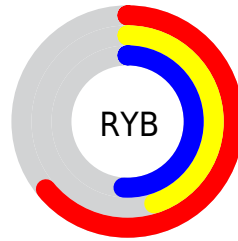
The CIELCh color $54, 20.864, 1.184$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $64, 18.985, 175.223$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 21.200, 0.623$, and $34, 20.927, 0.731$ is the 20% darker color. If you saturate the color by 10%, you get $50, 28.363, 2.690$, and if you desaturate by 10%, it is $58, 13.488, 359.922$.

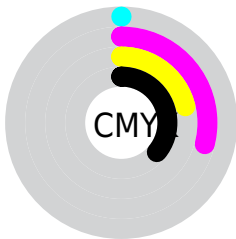
Distribution



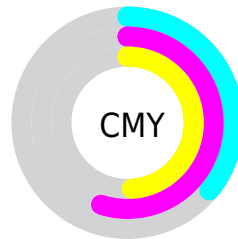
- Red (64%)
- Green (45%)
- Blue (51%)



- Red (64%)
- Yellow (45%)
- Blue (51%)



- Cyan (0%)
- Magenta (29%)
- Yellow (21%)
- Black (36%)



- Cyan (36%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 20.864, 1.184 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, 20.864, 1.184 by changing the saturation by 10% instead.

 54, 20.864, 1.184  54, 20.864, 1.184

 100, 20.864, 1.184  44, 20.864, 1.184

 74, 20.864, 1.184  34, 20.864, 1.184



 84, 20.864, 1.184  24, 20.864, 1.184

 94, 20.864, 1.184  14, 20.864, 1.184

 4, 20.864, 1.184

 0, 20.864, 1.184

 54, 20.864, 1.184  54, 20.864, 1.184

 50, 28.363, 2.690  58, 13.488,
359.922

 46, 35.812, 4.518

42, 42.951, 6.784

63, 6.352, 358.817

39, 49.468, 9.636

68, 0.490, 178.815

37, 55.074, 13.231

72, 7.016, 177.199

35, 59.626, 17.691

77, 13.229,
176.444

34, 63.458, 22.779

82, 19.143,
175.781

34, 63.757, 23.138

87, 24.780,
175.184

92, 30.163,
174.642

94, 31.122,
179.709

Harmonies

Complementary

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



54, 20.864, 1.184



64, 18.985, 175.223

Rectangle

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



54, 20.864, 1.184



54, 20.864, 51.184



54, 20.864, 181.184



54, 20.864, 231.184

Sweetspot

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



54, 20.862, 1.187



80, 7.668, 358.807



54, 30.467, 317.489



42, 5.335, 358.955



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, 20.862, 1.187



66, 31.292, 2.116



56, 17.173, 40.907



32, 3.863, 358.817



30, 58.129, 22.500



1, 5.826, 359.859

Inverse Universe

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



54, 20.862, 1.187



66, 31.292, 2.116



61, 14.132, 222.990



32, 3.863, 358.817



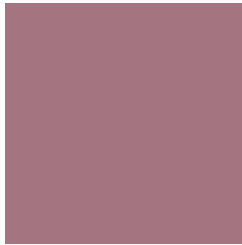
30, 58.129, 22.500



1, 5.826, 359.859

Previews

White Background



This preview shows how the CIELCh color 54, 20.864, 1.184 looks on a white background.

Color Contrast Check

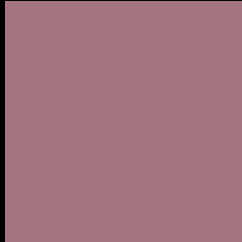
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.864, 1.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

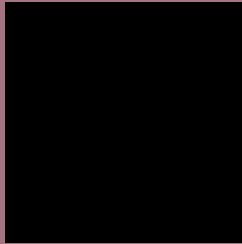
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 20.864, 1.184

Background



This preview shows how black text looks on a background with the CIELCh color 54, 20.864, 1.184.



This preview shows how white text looks on a background with the CIELCh color 54, 20.864, 1.184.

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, 20.864, 1.184

Protanopia

54, 4.062, 296.163

Deuteranopia

54, 7.390, 11.261



Tritanopia
54, 19.968, 6.970

Trichromacy



Original Color
54, 20.864, 1.184

Protanomaly
54, 8.865, 344.658

Deuteranomaly
54, 12.284, 4.591

Tritanomaly
54, 20.064, 5.370

Monochromacy



Original Color
54, 20.864, 1.184

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 7.783, 358.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 20.864, 1.184 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(164, 116, 129)` looks like.

```
.text, #text, p{  
    color:rgb(164, 116, 129)  
}
```

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(164, 116, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 116, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 20.864, 1.184 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(164, 116, 129) }
```

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

```
.border{ border-color:rgb(164, 116, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 116, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 116, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 116, 129);  
box-shadow:4px 4px 4px 4px rgb(164, 116,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 20.864, 1.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 116, 129) }
```

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

```
.background{ background-color: rgb(164,  
116, 129) }
```

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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