

Converting Colors

CIELCh(51, 21.560, 22.013)

Have a look what the booklet for
CIELCh(51, 21.560, 22.013) contains.

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Color

CIELCh(51, 21.484, 22.009)

Conversions

Conversions Part 1

Format	Color
Hex	9F6D6D
RGB	159, 109, 109
RGB Percent	62%, 43%, 43%
CMY	0.3782, 0.5742, 0.5742
CMYK	0.00, 0.32, 0.32, 0.38
HSL	360°, 21%, 52%
HSV	360°, 32%, 62%
XYZ	22.3711, 19.2686, 16.8921
YIQ	123.9500, 29.8000, 10.6000

Conversions

Conversions Part 2

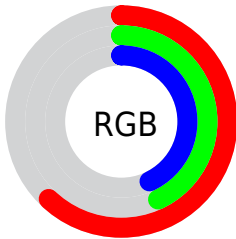
Format	Color
R_{YB}	159, 109, 109
Decimal	10448237
CIE _{Lab}	51.00, 19.92, 8.05
CIE _{LCh}	51, 21.484, 22.009
Yxy	19.2686, 0.3822, 0.3292
Android (android.graphics.Color)	4288638317 (0xFF9F6D6D)
YUV	123.9500, -7.3704, 30.7388
Hunter-Lab	43.8960, 14.1523, 7.9112

Details

The CIELCh color **51, 21.484, 22.009** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62, 17.385, 197.885**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 21.537, 22.773**, and **31, 21.372, 21.664** is the 20% darker color. If you saturate the color by 10%, you get **47, 29.291, 23.413**, and if you desaturate by 10%, it is **55, 14.130, 20.932**.

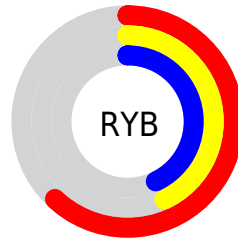
Distribution



Red (62%)

Green (43%)

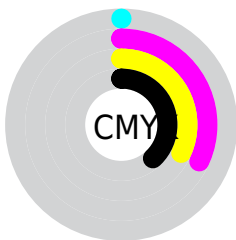
Blue (43%)



Red (62%)

Yellow (43%)

Blue (43%)

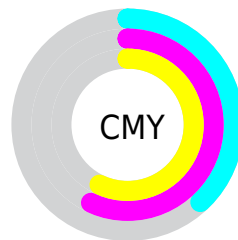


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (38%)



Cyan (38%)

Magenta (57%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 21.484, 22.009 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 51, 21.484, 22.009 by changing the saturation by 10% instead.

■ 51, 21.484, 22.009

■ 51, 21.484, 22.009

■ 100, 21.484,
22.009

■ 41, 21.484, 22.009

■ 71, 21.484, 22.009

■ 31, 21.484, 22.009

■ 81, 21.484, 22.009

■ 21, 21.484, 22.009

■ 91, 21.484, 22.009

■ 11, 21.484, 22.009

■ 1, 21.484, 22.009

■ 0, 21.484, 22.009

■ 51, 21.484, 22.009

■ 51, 21.484, 22.009

■ 47, 29.291, 23.413

■ 55, 14.130, 20.932

■ 43, 37.450, 25.231

■ 60, 7.276, 20.074

40, 45.780, 27.570

65, 0.920, 18.988

37, 54.023, 30.493

69, 4.966, 199.080

35, 61.814, 33.905

74, 10.421,
198.628

33, 68.477, 37.314

79, 15.491,
198.289

33, 72.965, 39.674

84, 20.220,
198.019

88, 24.650,
197.800

93, 28.819,
197.619

Harmonies

Complementary

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



51, 21.484, 22.009



62, 17.385, 197.885

Rectangle

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



51, 21.484, 22.009



51, 21.484, 72.009



51, 21.484, 202.009



51, 21.484, 252.009

Sweetspot

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



51, 21.482, 22.014



78, 6.992, 19.892



52, 34.024, 325.632



41, 4.924, 19.999



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



51, 21.482, 22.014



62, 32.953, 22.987



57, 17.792, 69.837



31, 3.535, 19.897



29, 67.091, 39.160



1, 4.473, 19.402

Inverse Universe

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



51, 21.482, 22.014



62, 32.953, 22.987



55, 16.185, 258.425



31, 3.535, 19.897



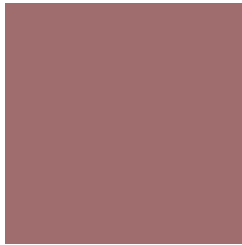
29, 67.091, 39.160



1, 4.473, 19.402

Previews

White Background



This preview shows how the CIELCh color 51, 21.484, 22.009 looks on a white background.

Color Contrast Check

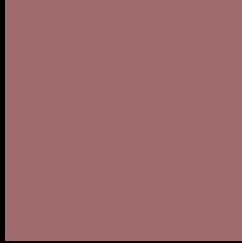
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 21.484, 22.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

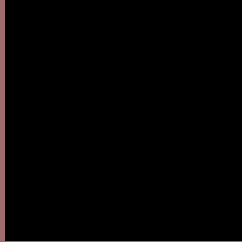
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 21.484, 22.009

Background



This preview shows how black text looks on a background with the CIELCh color 51, 21.484, 22.009.



This preview shows how white text looks on a background with the CIELCh color 51, 21.484, 22.009.

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

51, 21.484, 22.009

Protanopia

51, 3.839, 84.400

Deuteranopia

51, 11.100, 51.580



Tritanopia
51, 22.340, 8.934

Trichromacy



Original Color
51, 21.484, 22.009

Protanomaly
51, 8.979, 31.473

Deuteranomaly
51, 14.203, 34.948

Tritanomaly
51, 21.760, 14.591

Monochromacy



Original Color
51, 21.484, 22.009

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 7.845, 20.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 21.484, 22.009 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(159, 109, 109)` looks like.

```
.text, #text, p{  
    color:rgb(159, 109, 109)  
}
```

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(159, 109, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 109, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 21.484, 22.009 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(159, 109, 109) }
```

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

```
.border{ border-color:rgb(159, 109, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 109, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 109, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 109, 109); box-shadow:4px 4px 4px 4px rgb(159, 109, 109) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 21.484, 22.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 109, 109) }
```

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

```
.background{ background-color: rgb(159,  
109, 109) }
```

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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