

Converting Colors

CIELCh(64, 19.291, 108.089)

Have a look what the booklet for
CIELCh(64, 19.291, 108.089)
contains.

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Color

CIELCh(64, 19.323, 108.069)

Conversions

Conversions Part 1

Format	Color
Hex	9D9D7A
RGB	157, 157, 122
RGB Percent	62%, 62%, 48%
CMY	0.3833, 0.3833, 0.5206
CMYK	0.00, 0.00, 0.22, 0.38
HSL	60°, 15%, 55%
HSV	60°, 22%, 62%
XYZ	29.5795, 32.8017, 23.2615
YIQ	153.0100, 11.2350, -10.8850

Conversions

Conversions Part 2

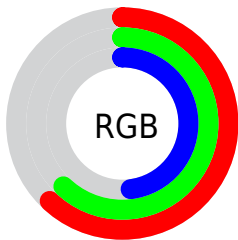
Format	Color
RYB	122, 157, 122
Decimal	10329466
CIELab	64.00, -5.99, 18.37
CIElCh	64, 19.323, 108.069
Yxy	32.8017, 0.3454, 0.3830
Android (android.graphics.Color)	4288519546 (0xFF9D9D7A)
YUV	153.0100, -15.2879, 3.4992
Hunter-Lab	57.2727, -8.0379, 16.0101

Details

The CIELCh color $64, 19.323, 108.069$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $52, 20.330, 292.677$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 18.850, 107.359$, and $44, 19.479, 108.678$ is the 20% darker color. If you saturate the color by 10%, you get $64, 27.836, 107.131$, and if you desaturate by 10%, it is $64, 10.680, 109.021$.

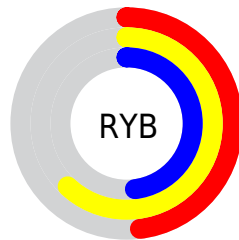
Distribution



Red (62%)

Green (62%)

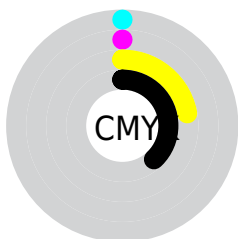
Blue (48%)



Red (48%)

Yellow (62%)

Blue (48%)

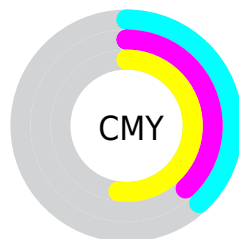


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (38%)



Cyan (38%)


Magenta (38%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 19.323, 108.069 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 64, 19.323, 108.069 by changing the saturation by 10% instead.

 64, 19.323,
108.069


 64, 19.323,
108.069


 100, 19.323,
108.069


 54, 19.323,
108.069


 84, 19.323,
108.069

 44, 19.323,
108.069

 94, 19.323,
108.069

 34, 19.323,
108.069

 24, 19.323,
108.069

 14, 19.323,
108.069

 4, 19.323, 108.069

 0, 19.323, 108.069

■ 64, 19.323,
108.069

■ 64, 19.323,
108.069

■ 64, 27.836,
107.131

■ 64, 10.680,
109.021

■ 63, 36.114,
106.215

■ 65, 1.970, 109.942

■ 65, 6.763, 290.901

■ 63, 44.003,
105.347

■ 66, 15.491,
291.793

■ 63, 51.268,
104.559

■ 66, 24.192,
292.656

■ 63, 57.586,
103.885

■ 67, 32.852,
293.482

■ 63, 62.562,
103.364

■ 67, 41.459,
294.268

■ 63, 65.845,
103.026

■ 68, 50.004,
295.011

■ 63, 67.529,

102.855

■ 68, 53.765,
295.327

Harmonies

Complementary

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



64, 19.323, 108.069



52, 20.330, 292.677

Rectangle

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



64, 19.323, 108.069



64, 19.323, 158.069



64, 19.323, 288.069



64, 19.323, 338.069

Sweetspot

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



64, 19.324, 108.073



82, 7.539, 109.503



55, 14.569, 21.005



43, 4.887, 109.454



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



64, 19.324, 108.073



81, 28.887, 107.577



63, 20.691, 128.074



33, 4.947, 109.305



57, 62.931, 102.855



4, 6.504, 110.179

Inverse Universe

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



52, 20.330, 292.677



64, 30.806, 293.408



54, 21.318, 310.094



30, 5.054, 291.115



15, 86.897, 306.287



0, 6.505, 290.179

Previews

White Background



This preview shows how the CIELCh color 64, 19.323, 108.069 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 64, 19.323, 108.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

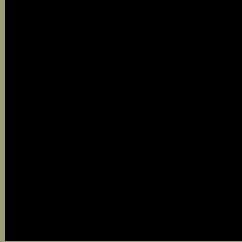
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

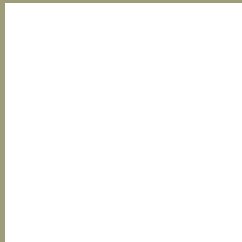
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 19.323, 108.069

Background



This preview shows how black text looks on a background with the CIELCh color 64, 19.323, 108.069.



This preview shows how white text looks on a background with the CIELCh color 64, 19.323, 108.069.

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

64, 19.323, 108.069

Protanopia

64, 19.275, 95.596

Deuteranopia

64, 19.529, 65.003



Tritanopia
64, 7.923, 322.509

Trichromacy



Original Color
64, 19.323, 108.069

Protanomaly
64, 19.498, 100.699

Deuteranomaly
64, 18.214, 81.000

Tritanomaly
64, 3.886, 65.030

Monochromacy



Original Color
64, 19.323, 108.069

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 7.221, 109.385

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 19.323, 108.069 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(157, 157, 122)` looks like.

```
.text, #text, p{  
    color:rgb(157, 157, 122)  
}
```

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(157, 157, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 157, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 19.323, 108.069 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(157, 157, 122) }
```

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

```
.border{ border-color:rgb(157, 157, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 157, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 157, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 157, 122);  
box-shadow:4px 4px 4px 4px rgb(157, 157,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 19.323, 108.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 157, 122) }
```

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

```
.background{ background-color: rgb(157,  
157, 122) }
```

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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