

Converting Colors

CIELCh(64, 9.530, 70.173)

Have a look what the booklet for
CIELCh(64, 9.530, 70.173) contains.

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Color

CIELCh(64, 9.864, 71.456)

Conversions

Conversions Part 1

Format	Color
Hex	A8998B
RGB	168, 153, 139
RGB Percent	66%, 60%, 55%
CMY	0.3426, 0.4014, 0.4563
CMYK	0.00, 0.09, 0.17, 0.34
HSL	29°, 14%, 60%
HSV	29°, 17%, 66%
XYZ	32.0357, 32.8017, 28.9322
YIQ	155.8890, 13.4340, -1.1740

Conversions

Conversions Part 2

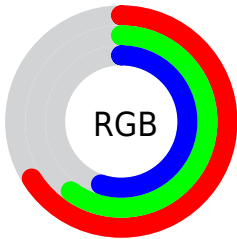
Format	Color
RYB	168, 166, 139
Decimal	11049355
CIELab	64.00, 3.14, 9.35
CIElCh	64, 9.864, 71.456
Yxy	32.8017, 0.3416, 0.3498
Android (android.graphics.Color)	4289239435 (0xFFA8998B)
YUV	155.8890, -8.3263, 10.6213
Hunter-Lab	57.2727, -0.3828, 10.1396

Details

The CIELCh color **64, 9.864, 71.456** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 9.395, 255.909**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 9.932, 71.938**, and **44, 9.944, 70.699** is the 20% darker color. If you saturate the color by 10%, you get **61, 15.960, 70.281**, and if you desaturate by 10%, it is **67, 4.058, 72.609**.

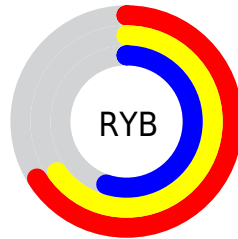
Distribution



Red (66%)

Green (60%)

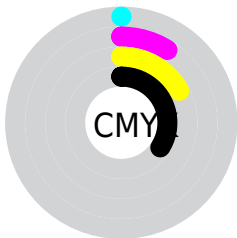
Blue (55%)



Red (66%)

Yellow (65%)

Blue (55%)

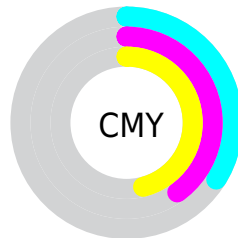


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (34%)



Cyan (34%)

Magenta (40%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 9.864, 71.456 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, 9.864, 71.456 by changing the saturation by 10% instead.

■ 64, 9.864, 71.456 ■ 64, 9.864, 71.456

■ 100, 9.864, 71.456 ■ 54, 9.864, 71.456

■ 84, 9.864, 71.456 ■ 44, 9.864, 71.456

■ 94, 9.864, 71.456 ■ 34, 9.864, 71.456

■ 24, 9.864, 71.456

■ 14, 9.864, 71.456

■ 4, 9.864, 71.456

■ 0, 9.864, 71.456

■ 64, 9.864, 71.456 ■ 64, 9.864, 71.456

■ 61, 15.960, 70.281 ■ 67, 4.058, 72.609

59, 22.358, 69.081

69, 1.482, 254.086

56, 29.055, 67.875

72, 6.781, 255.052

54, 36.004, 66.657

75, 11.865,
256.140

51, 43.085, 65.394

78, 16.759,
257.203

49, 50.025, 63.998

47, 56.296, 62.286

81, 21.485,
258.230

45, 61.250, 60.035

84, 25.648,
258.485

44, 62.615, 59.503

86, 23.686,
245.990

88, 22.959,
232.192

Harmonies

Complementary

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



64, 9.864, 71.456



63, 9.395, 255.909

Rectangle

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



64, 9.864, 71.456



64, 9.864, 121.456



64, 9.864, 251.456



64, 9.864, 301.456

Sweetspot

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



64, 9.864, 71.469



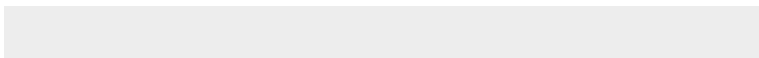
85, 3.410, 72.832



61, 14.224, 343.300



45, 2.349, 72.766



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 9.864, 71.469



80, 14.916, 70.986



68, 15.334, 107.130



34, 3.176, 72.391



39, 56.984, 59.925



3, 5.488, 65.767

Inverse Universe

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



63, 9.395, 255.909



78, 14.022, 256.560



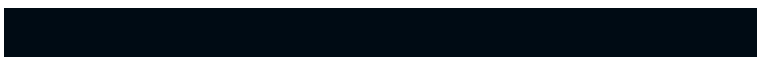
59, 15.901, 290.733



34, 3.102, 254.775



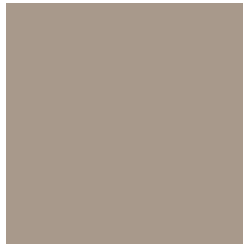
33, 45.705, 281.455



3, 6.022, 261.109

Previews

White Background



This preview shows how the CIELCh color 64, 9.864, 71.456 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, 9.864, 71.456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

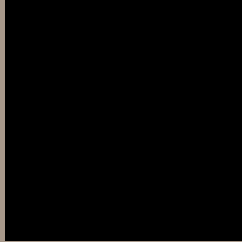
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

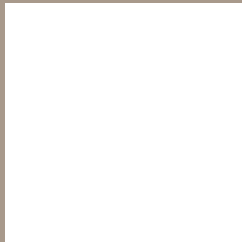
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 9.864, 71.456

Background



This preview shows how black text looks on a background with the CIELCh color 64, 9.864, 71.456.



This preview shows how white text looks on a background with the CIELCh color 64, 9.864, 71.456.

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, 9.864, 71.456

Protanopia

64, 8.773, 90.645

Deuteranopia

64, 12.256, 49.927



Tritanopia
64, 10.800, 342.277

Trichromacy



Original Color
64, 9.864, 71.456

Protanomaly
64, 8.742, 82.012

Deuteranomaly
64, 11.172, 56.452

Tritanomaly
64, 8.004, 8.140

Monochromacy



Original Color
64, 9.864, 71.456

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.377, 74.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 9.864, 71.456 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(168, 153, 139)` looks like.

```
.text, #text, p{  
    color:rgb(168, 153, 139)  
}
```

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(168, 153, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 153, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 9.864, 71.456 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(168, 153, 139) }
```

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

```
.border{ border-color:rgb(168, 153, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 153, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 153, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 153, 139);  
box-shadow:4px 4px 4px 4px rgb(168, 153,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 9.864, 71.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 153, 139) }
```

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

```
.background{ background-color: rgb(168,  
153, 139) }
```

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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