

Converting Colors

CIELCh(64, 11.173, 53.039)

Have a look what the booklet for
CIELCh(64, 11.173, 53.039) contains.

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Color

CIELCh(64, 11.173, 53.039)

Conversions

Conversions Part 1

Format	Color
Hex	AE978C
RGB	174, 151, 140
RGB Percent	68%, 59%, 55%
CMY	0.3196, 0.4097, 0.4528
CMYK	0.00, 0.13, 0.20, 0.32
HSL	19°, 17%, 61%
HSV	19°, 20%, 68%
XYZ	33.0349, 32.8017, 29.2195
YIQ	156.6230, 17.2390, 1.4550

Conversions

Conversions Part 2

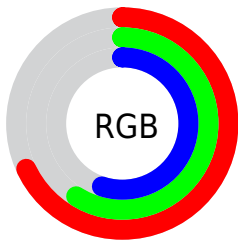
Format	Color
RYB	174, 156, 140
Decimal	11442060
CIELab	64.00, 6.72, 8.93
CIELCh	64, 11.173, 53.039
Yxy	32.8017, 0.3475, 0.3451
Android (android.graphics.Color)	4289632140 (0xFFAE978C)
YUV	156.6230, -8.1951, 15.2396
Hunter-Lab	57.2727, 2.7315, 9.8423

Details

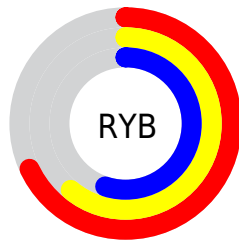
The CIELCh color **64, 11.173, 53.039** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 10.060, 236.385**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 11.109, 51.163**, and **44, 11.099, 52.596** is the 20% darker color. If you saturate the color by 10%, you get **61, 17.514, 52.428**, and if you desaturate by 10%, it is **68, 5.273, 53.704**.

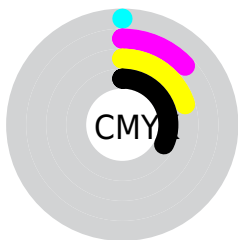
Distribution



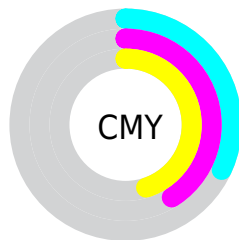
- Red (68%)
- Green (59%)
- Blue (55%)



- Red (68%)
- Yellow (61%)
- Blue (55%)



- Cyan (0%)
- Magenta (13%)
- Yellow (20%)
- Black (32%)



- Cyan (32%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 11.173, 53.039 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, 11.173, 53.039 by changing the saturation by 10% instead.

■ 64, 11.173, 53.039

■ 64, 11.173, 53.039

■ 100, 11.173,
53.039

■ 54, 11.173, 53.039

■ 84, 11.173, 53.039

■ 44, 11.173, 53.039

■ 94, 11.173, 53.039

■ 34, 11.173, 53.039

■ 24, 11.173, 53.039

■ 14, 11.173, 53.039

■ 4, 11.173, 53.039

■ 0, 11.173, 53.039

■ 64, 11.173, 53.039

■ 64, 11.173, 53.039

■ 61, 17.514, 52.428

■ 68, 5.273, 53.704

57, 24.326, 51.876

71, 0.226, 236.489

54, 31.621, 51.417

75, 5.365, 235.377

51, 39.368, 51.053

78, 10.186,
236.117

48, 47.453, 50.758

82, 14.727,
236.885

45, 55.589, 50.427

43, 63.144, 49.795

86, 19.022,
237.655

41, 69.540, 48.788

89, 21.584,
231.220

41, 69.822, 48.775

92, 22.870,
212.025

95, 25.798,
197.827

Harmonies

Complementary

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



64, 11.173, 53.039



65, 10.060, 236.385

Rectangle

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



64, 11.173, 53.039



64, 11.173, 103.039



64, 11.173, 233.039



64, 11.173, 283.039

Sweetspot

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



64, 11.173, 53.051



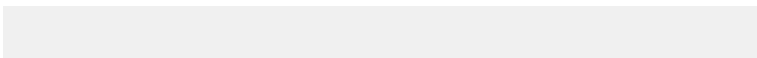
87, 4.018, 53.908



62, 18.386, 336.332



46, 2.668, 53.875



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 11.173, 53.051



79, 16.404, 52.806



68, 15.369, 99.190



35, 3.110, 53.722



35, 62.601, 49.183



3, 6.440, 47.113

Inverse Universe

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



65, 10.060, 236.385



81, 14.436, 236.843



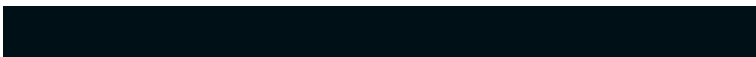
61, 15.739, 283.860



35, 2.969, 235.360



41, 34.057, 259.492



4, 6.518, 245.853

Previews

White Background



This preview shows how the CIELCh color 64, 11.173, 53.039 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 CIE LCh color 64, 11.173, 53.039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

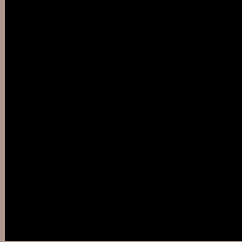
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 11.173, 53.039

Background



This preview shows how black text looks on a background with the CIELCh color 64, 11.173, 53.039.



This preview shows how white text looks on a background with the CIELCh color 64, 11.173, 53.039.

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, 11.173, 53.039

Protanopia

64, 7.589, 91.050

Deuteranopia

64, 11.961, 47.729



Tritanopia
64, 12.460, 351.313

Trichromacy



Original Color
64, 11.173, 53.039

Protanomaly
64, 8.463, 71.415

Deuteranomaly
64, 11.593, 48.653

Tritanomaly
64, 10.373, 11.178

Monochromacy



Original Color
64, 11.173, 53.039

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.822, 55.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 11.173, 53.039 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(174, 151, 140)` looks like.

```
.text, #text, p{  
    color:rgb(174, 151, 140)  
}
```

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(174, 151, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 151, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 11.173, 53.039 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(174, 151, 140) }
```

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

```
.border{ border-color:rgb(174, 151, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 151, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 151, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 151, 140);  
box-shadow:4px 4px 4px 4px rgb(174, 151,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 11.173, 53.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 151, 140) }
```

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

```
.background{ background-color: rgb(174,  
151, 140) }
```

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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