

Converting Colors

CIELCh(64, 10.635, 42.855)

Have a look what the booklet for
CIELCh(64, 10.635, 42.855) contains.

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Color

CIELCh(64, 10.426, 41.979)

Conversions

Conversions Part 1

Format	Color
Hex	AE968F
RGB	174, 150, 143
RGB Percent	68%, 59%, 56%
CMY	0.3176, 0.4117, 0.4392
CMYK	0.00, 0.14, 0.18, 0.32
HSL	14°, 16%, 62%
HSV	14°, 18%, 68%
XYZ	33.3269, 32.8017, 30.5676
YIQ	156.3780, 16.5510, 2.9110

Conversions

Conversions Part 2

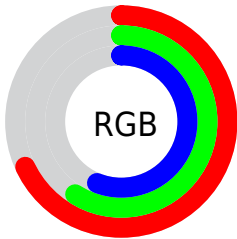
Format	Color
RYB	174, 152, 143
Decimal	11441807
CIELab	64.00, 7.75, 6.97
CIELCh	64, 10.426, 41.979
Yxy	32.8017, 0.3447, 0.3392
Android (android.graphics.Color)	4289631887 (0xFFAE968F)
YUV	156.3780, -6.5954, 15.4545
Hunter-Lab	57.2727, 3.6414, 8.4467

Details

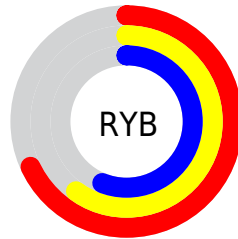
The CIELCh color $64, 10.426, 41.979$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 9.323, 223.410$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 10.472, 40.513$, and $44, 10.313, 40.676$ is the 20% darker color. If you saturate the color by 10%, you get $60, 16.954, 41.872$, and if you desaturate by 10%, it is $68, 4.393, 42.170$.

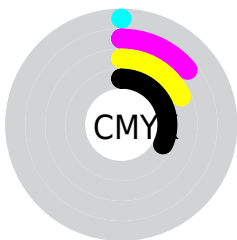
Distribution



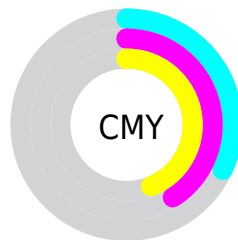
- Red (68%)
- Green (59%)
- Blue (56%)



- Red (68%)
- Yellow (60%)
- Blue (56%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (32%)



- Cyan (32%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 10.426, 41.979 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, 10.426, 41.979 by changing the saturation by 10% instead.

■ 64, 10.426, 41.979

■ 64, 10.426, 41.979

■ 100, 10.426,
41.979

■ 54, 10.426, 41.979

■ 84, 10.426, 41.979

■ 44, 10.426, 41.979

■ 94, 10.426, 41.979

■ 34, 10.426, 41.979

■ 24, 10.426, 41.979

■ 14, 10.426, 41.979

■ 4, 10.426, 41.979

■ 0, 10.426, 41.979

■ 64, 10.426, 41.979

■ 64, 10.426, 41.979

■ 60, 16.954, 41.872

■ 68, 4.393, 42.170

56, 24.012, 41.880

72, 1.185, 223.009

53, 31.610, 42.053

76, 6.357, 223.058

49, 39.718, 42.417

80, 11.167,
223.445

46, 48.232, 42.972

84, 15.658,
223.880

43, 56.901, 43.649

41, 65.149, 44.207

88, 19.871,
224.336

39, 72.045, 44.302

92, 22.713,
212.265

39, 73.558, 44.474

95, 25.658,
197.835

Harmonies

Complementary

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



64, 10.426, 41.979



67, 9.323, 223.410

Rectangle

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



64, 10.426, 41.979



64, 10.426, 91.979



64, 10.426, 221.979



64, 10.426, 271.979

Sweetspot

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



64, 10.425, 41.991



88, 3.451, 42.190



63, 17.972, 332.228



47, 2.380, 42.190



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 10.425, 41.991



80, 15.474, 41.937



68, 12.672, 92.757



35, 3.192, 42.146



33, 65.684, 44.685



3, 6.672, 37.663

Inverse Universe

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



67, 9.323, 223.410



84, 13.500, 223.635



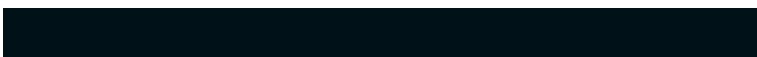
63, 12.749, 277.309



36, 3.020, 222.992



45, 30.065, 240.403



4, 6.394, 232.082

Previews

White Background



This preview shows how the CIELCh color 64, 10.426, 41.979 looks on a white background.

Color Contrast Check

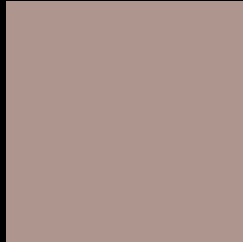
Large Text (above 18pt) WCAG AA × Fail

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, 10.426, 41.979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

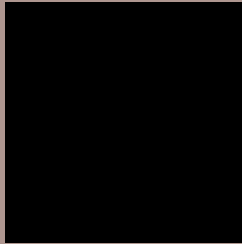
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 10.426, 41.979

Background



This preview shows how black text looks on a background with the CIELCh color 64, 10.426, 41.979.



This preview shows how white text looks on a background with the CIELCh color 64, 10.426, 41.979.

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, 10.426, 41.979

Protanopia

64, 5.879, 89.953

Deuteranopia

64, 10.810, 41.197



Tritanopia
64, 12.460, 351.313

Trichromacy



Original Color
64, 10.426, 41.979

Protanomaly
64, 6.907, 65.896

Deuteranomaly
64, 10.810, 41.197

Tritanomaly
64, 10.453, 8.172

Monochromacy



Original Color
64, 10.426, 41.979

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.877, 44.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 10.426, 41.979 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, 150, 143)` looks like.

```
.text, #text, p{  
    color:rgb(174, 150, 143)  
}
```

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, 150, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 150, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 10.426, 41.979 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, 150, 143) }
```

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

```
.border{ border-color:rgb(174, 150, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 150, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 150, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 150, 143);  
box-shadow:4px 4px 4px 4px rgb(174, 150,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 10.426, 41.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 150, 143) }
```

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

```
.background{ background-color: rgb(174,  
150, 143) }
```

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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