

Converting Colors

CIELCh(64, 13.498, 70.484)

Have a look what the booklet for
CIELCh(64, 13.498, 70.484) contains.

CIELCh(64, 13.416, 71.284)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 13.416, 71.284)

Conversions

Conversions Part 1

Format	Color
Hex	AC9885
RGB	172, 152, 133
RGB Percent	67%, 60%, 52%
CMY	0.3265, 0.4049, 0.4794
CMYK	0.00, 0.12, 0.23, 0.33
HSL	29°, 19%, 60%
HSV	29°, 23%, 67%
XYZ	32.3593, 32.8017, 26.7262
YIQ	155.8140, 18.0190, -1.6690

Conversions

Conversions Part 2

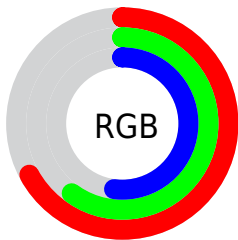
Format	Color
RYB	172, 170, 133
Decimal	11311237
CIELab	64.00, 4.30, 12.71
CIELCh	64, 13.416, 71.284
Yxy	32.8017, 0.3522, 0.3570
Android (android.graphics.Color)	4289501317 (0xFFAC9885)
YUV	155.8140, -11.2473, 14.1951
Hunter-Lab	57.2727, 0.6258, 12.4233

Details

The CIELCh color $64, 13.416, 71.284$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 12.578, 257.287$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 13.500, 70.562$, and $44, 13.540, 71.834$ is the 20% darker color. If you saturate the color by 10%, you get $61, 19.807, 70.086$, and if you desaturate by 10%, it is $67, 7.326, 72.479$.

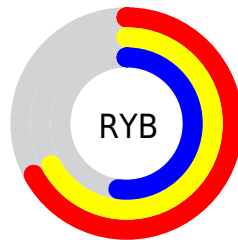
Distribution



Red (67%)

Green (60%)

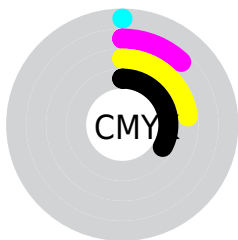
Blue (52%)



Red (67%)

Yellow (67%)

Blue (52%)

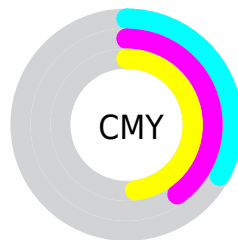


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (33%)



Cyan (33%)

Magenta (40%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 13.416, 71.284 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, 13.416, 71.284 by changing the saturation by 10% instead.

■ 64, 13.416, 71.284

■ 64, 13.416, 71.284

■ 100, 13.416,
71.284

■ 54, 13.416, 71.284

■ 84, 13.416, 71.284

■ 44, 13.416, 71.284

■ 94, 13.416, 71.284

■ 34, 13.416, 71.284

■ 24, 13.416, 71.284

■ 14, 13.416, 71.284

■ 4, 13.416, 71.284

■ 0, 13.416, 71.284

■ 64, 13.416, 71.284

■ 64, 13.416, 71.284

■ 61, 19.807, 70.086

■ 67, 7.326, 72.479

59, 26.504, 68.870

70, 1.517, 73.492

56, 33.479, 67.644

72, 4.034, 254.963

54, 40.651, 66.390

75, 9.355, 256.049

51, 47.819, 65.049

78, 14.470,
257.134

49, 54.572, 63.488

81, 19.403,
258.186

47, 60.188, 61.441

84, 24.175,
259.198

46, 63.652, 59.778

86, 22.878,
247.830

89, 22.009,
233.320

Harmonies

Complementary

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



64, 13.416, 71.284



62, 12.578, 257.287

Rectangle

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



64, 13.416, 71.284



64, 13.416, 121.284



64, 13.416, 251.284



64, 13.416, 301.284

Sweetspot

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



64, 13.416, 71.294



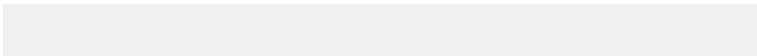
87, 4.951, 73.107



60, 18.921, 344.710



46, 3.217, 73.046



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, 13.416, 71.294



80, 20.070, 70.717



69, 20.829, 107.316



35, 3.264, 72.867



40, 57.614, 60.216



4, 6.473, 63.742

Inverse Universe

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



62, 12.578, 257.287



77, 18.528, 258.140



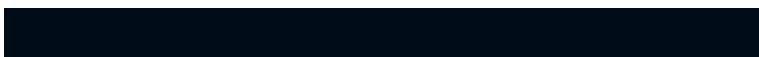
57, 21.908, 292.115



35, 3.190, 255.270



33, 46.754, 281.989



3, 7.304, 263.441

Previews

White Background



This preview shows how the CIELCh color 64, 13.416, 71.284 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, 13.416, 71.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

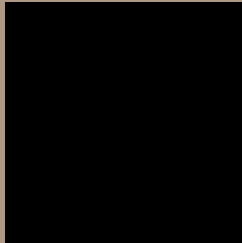
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

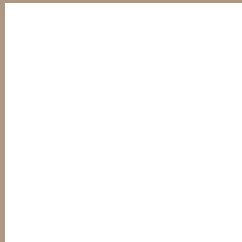
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 13.416, 71.284

Background



This preview shows how black text looks on a background with the CIELCh color 64, 13.416, 71.284.



This preview shows how white text looks on a background with the CIELCh color 64, 13.416, 71.284.

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, 13.416, 71.284

Protanopia

64, 12.086, 93.315

Deuteranopia

64, 15.003, 56.312



Tritanopia
64, 12.121, 350.352

Trichromacy



Original Color
64, 13.416, 71.284

Protanomaly
64, 12.133, 85.206

Deuteranomaly
64, 14.362, 60.915

Tritanomaly
64, 9.910, 20.313

Monochromacy



Original Color
64, 13.416, 71.284

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.566, 66.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 13.416, 71.284 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(172, 152, 133)` looks like.

```
.text, #text, p{  
    color:rgb(172, 152, 133)  
}
```

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(172, 152, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 152, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 13.416, 71.284 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(172, 152, 133) }
```

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

```
.border{ border-color:rgb(172, 152, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 152, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 152, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 152, 133);  
box-shadow:4px 4px 4px 4px rgb(172, 152,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 13.416, 71.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 152, 133) }
```

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

```
.background{ background-color: rgb(172,  
152, 133) }
```

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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