

Converting Colors

CIELCh(64, 12.243, 70.269)

Have a look what the booklet for
CIELCh(64, 12.243, 70.269) contains.

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Color

CIELCh(64, 12.258, 69.864)

Conversions

Conversions Part 1

Format	Color
Hex	AB9887
RGB	171, 152, 135
RGB Percent	67%, 60%, 53%
CMY	0.3299, 0.4044, 0.4711
CMYK	0.00, 0.11, 0.21, 0.33
HSL	28°, 18%, 60%
HSV	28°, 21%, 67%
XYZ	32.3357, 32.8017, 27.5005
YIQ	155.7430, 16.7810, -1.2590

Conversions

Conversions Part 2

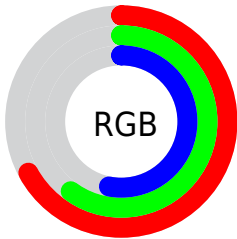
Format	Color
RYB	171, 167, 135
Decimal	11245703
CIELab	64.00, 4.22, 11.51
CIELCh	64, 12.258, 69.864
Yxy	32.8017, 0.3491, 0.3541
Android (android.graphics.Color)	4289435783 (0xFFAB9887)
YUV	155.7430, -10.2263, 13.3804
Hunter-Lab	57.2727, 0.5521, 11.6218

Details

The CIELCh color $64, 12.258, 69.864$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 11.492, 255.304$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 12.418, 69.098$, and $44, 12.275, 70.512$ is the 20% darker color. If you saturate the color by 10%, you get $61, 18.551, 68.702$, and if you desaturate by 10%, it is $67, 6.277, 71.024$.

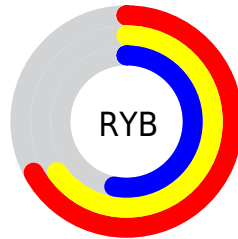
Distribution



Red (67%)

Green (60%)

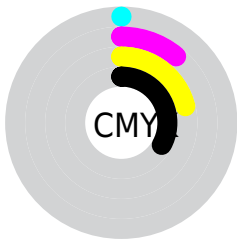
Blue (53%)



Red (67%)

Yellow (65%)

Blue (53%)

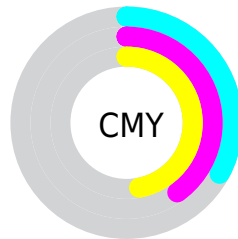


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (33%)



Cyan (33%)

Magenta (40%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 12.258, 69.864 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, 12.258, 69.864 by changing the saturation by 10% instead.

■ 64, 12.258, 69.864

■ 64, 12.258, 69.864

■ 100, 12.258,
69.864

■ 54, 12.258, 69.864

■ 84, 12.258, 69.864

■ 44, 12.258, 69.864

■ 94, 12.258, 69.864

■ 34, 12.258, 69.864

■ 24, 12.258, 69.864

■ 14, 12.258, 69.864

■ 4, 12.258, 69.864

■ 0, 12.258, 69.864

■ 64, 12.258, 69.864

■ 64, 12.258, 69.864

■ 61, 18.551, 68.702

■ 67, 6.277, 71.024

59, 25.165, 67.526

70, 0.585, 71.649

56, 32.085, 66.349

72, 4.846, 253.455

53, 39.245, 65.155

75, 10.042,
254.531

51, 46.477, 63.897

78, 15.030,
255.598

49, 53.423, 62.454

47, 59.414, 60.581

81, 19.835,
256.633

45, 63.825, 58.607

84, 24.478,
257.630

87, 22.759,
244.482

89, 22.218,
229.581

Harmonies

Complementary

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



64, 12.258, 69.864



63, 11.492, 255.304

Rectangle

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



64, 12.258, 69.864



64, 12.258, 119.864



64, 12.258, 249.864



64, 12.258, 299.864

Sweetspot

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



64, 12.258, 69.875



86, 4.155, 71.557



60, 17.654, 343.652



46, 2.783, 71.494



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, 12.258, 69.875



80, 18.195, 69.362



69, 18.953, 106.755



35, 3.236, 71.218



40, 57.982, 59.030



4, 6.446, 62.173

Inverse Universe

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



63, 11.492, 255.304



78, 16.800, 256.051



58, 19.822, 291.229



35, 3.155, 253.588



34, 45.374, 280.396



3, 7.215, 262.134

Previews

White Background



This preview shows how the CIELCh color 64, 12.258, 69.864 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, 12.258, 69.864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

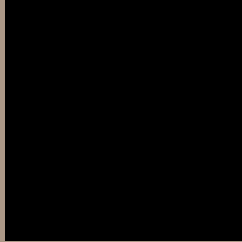
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 12.258, 69.864

Background



This preview shows how black text looks on a background with the CIELCh color 64, 12.258, 69.864.



This preview shows how white text looks on a background with the CIELCh color 64, 12.258, 69.864.

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, 12.258, 69.864

Protanopia

64, 10.906, 94.003

Deuteranopia

64, 13.957, 53.889



Tritanopia
64, 12.068, 347.058

Trichromacy



Original Color
64, 12.258, 69.864

Protanomaly
64, 10.941, 85.046

Deuteranomaly
64, 13.273, 58.736

Tritanomaly
64, 9.523, 13.614

Monochromacy



Original Color
64, 12.258, 69.864

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.304, 70.146

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 12.258, 69.864 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(171, 152, 135)` looks like.

```
.text, #text, p{  
    color:rgb(171, 152, 135)  
}
```

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(171, 152, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 152, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 12.258, 69.864 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(171, 152, 135) }
```

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

```
.border{ border-color:rgb(171, 152, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 152, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 152, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 152, 135);  
box-shadow:4px 4px 4px 4px rgb(171, 152,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 12.258, 69.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 152, 135) }
```

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

```
.background{ background-color: rgb(171,  
152, 135) }
```

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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