

Converting Colors

CIELCh(69, 25.546, 108.239)

Have a look what the booklet for
CIELCh(69, 25.546, 108.239)
contains.

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Color

CIELCh(69, 25.470, 107.561)

Conversions

Conversions Part 1

Format	Color
Hex	ABAB7C
RGB	171, 171, 124
RGB Percent	67%, 67%, 49%
CMY	0.3286, 0.3286, 0.5130
CMYK	0.00, 0.00, 0.27, 0.33
HSL	60°, 22%, 58%
HSV	60°, 27%, 67%
XYZ	35.0915, 39.3444, 24.8780
YIQ	165.6420, 15.0870, -14.6170

Conversions

Conversions Part 2

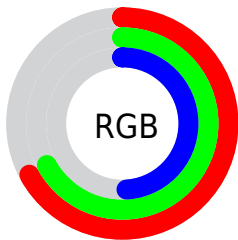
Format	Color
RYB	124, 171, 124
Decimal	11250556
CIELab	69.00, -7.68, 24.28
CIElCh	69, 25.470, 107.561
Yxy	39.3444, 0.3533, 0.3962
Android (android.graphics.Color)	4289440636 (0xFFABAB7C)
YUV	165.6420, -20.5295, 4.6990
Hunter-Lab	62.7251, -9.9072, 20.3920

Details

The CIELCh color $69, 25.470, 107.561$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $54, 27.173, 293.426$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 25.280, 107.199$, and $49, 25.317, 107.800$ is the 20% darker color. If you saturate the color by 10%, you get $69, 34.476, 106.628$, and if you desaturate by 10%, it is $69, 16.271, 108.518$.

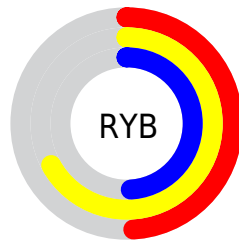
Distribution



Red (67%)

Green (67%)

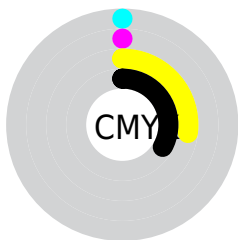
Blue (49%)



Red (49%)

Yellow (67%)

Blue (49%)

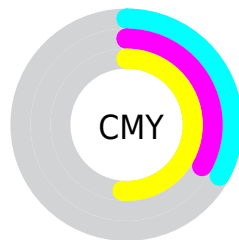


Cyan (0%)

Magenta (0%)

Yellow (27%)

Black (33%)



Cyan (33%)


Magenta (33%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 25.470, 107.561 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 69, 25.470, 107.561 by changing the saturation by 10% instead.


 69, 25.470,
107.561


 69, 25.470,
107.561


 100, 25.470,
107.561


 59, 25.470,
107.561


 89, 25.470,
107.561

 49, 25.470,
107.561

 99, 25.470,
107.561

 39, 25.470,
107.561

 29, 25.470,
107.561

 19, 25.470,
107.561

 9, 25.470, 107.561

 0, 25.470, 107.561

69, 25.470,
107.561

69, 25.470,
107.561

69, 34.476,
106.628

69, 16.271,
108.518

68, 43.145,
105.728

70, 6.966, 109.468

68, 51.267,
104.895

70, 2.387, 290.441

68, 58.533,
104.161

71, 11.748,
291.340

68, 64.541,
103.566

71, 21.090,
292.225

68, 68.865,
103.145

72, 30.396,
293.076

68, 71.362,
102.906

73, 39.651,
293.887

68, 71.897,

73, 45.542,
294.385

102.855

■ 73, 45.542,
294.385

Harmonies

Complementary

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



69, 25.470, 107.561



54, 27.173, 293.426

Rectangle

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



69, 25.470, 107.561



69, 25.470, 157.561



69, 25.470, 287.561



69, 25.470, 337.561

Sweetspot

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



69, 25.471, 107.565



88, 9.223, 109.404



57, 19.649, 21.563



47, 6.607, 109.265



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 25.471, 107.565



87, 37.629, 106.988



67, 27.323, 127.817



37, 5.341, 109.293



60, 65.376, 102.855



7, 11.345, 110.179

Inverse Universe

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



54, 27.173, 293.426



64, 40.841, 294.366



56, 28.368, 310.371



33, 5.457, 291.128



17, 90.272, 306.287



1, 11.347, 290.179

Previews

White Background



This preview shows how the CIELCh color 69, 25.470, 107.561 looks on a white background.

Color Contrast Check

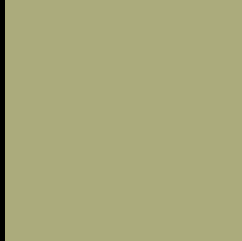
Large Text (above 18pt) WCAG AA × Fail

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 69, 25.470, 107.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

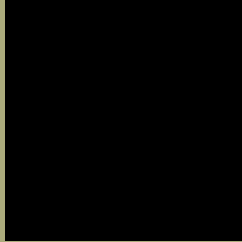
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 25.470, 107.561

Background



This preview shows how black text looks on a background with the CIELCh color 69, 25.470, 107.561.



This preview shows how white text looks on a background with the CIELCh color 69, 25.470, 107.561.

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

69, 25.470, 107.561

Protanopia

69, 25.089, 95.122

Deuteranopia

69, 24.967, 69.474



Tritanopia
69, 8.901, 326.835

Trichromacy



Original Color
69, 25.470, 107.561

Protanomaly
69, 25.209, 99.993

Deuteranomaly
69, 23.966, 84.153

Tritanomaly
69, 6.030, 74.136

Monochromacy



Original Color
69, 25.470, 107.561

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 9.303, 109.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 25.470, 107.561 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, 171, 124)` looks like.

```
.text, #text, p{  
    color:rgb(171, 171, 124)  
}
```

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, 171, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 171, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 25.470, 107.561 is called "border". The border property can be set on classes, ids or directly on the HTML element.

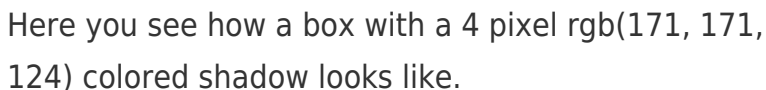
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 171, 124) }
```

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

```
.border{ border-color:rgb(171, 171, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 171, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 171, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 171, 124); box-shadow:4px 4px 4px 4px rgb(171, 171, 124) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 25.470, 107.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 171, 124) }
```

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

```
.background{ background-color: rgb(171,  
171, 124) }
```

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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