

Converting Colors

CIELCh(71, 5.438, 105.590)

Have a look what the booklet for
CIELCh(71, 5.438, 105.590) contains.

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Color

CIELCh(71, 5.447, 105.587)

Conversions

Conversions Part 1

Format	Color
Hex	AFAEA4
RGB	175, 174, 164
RGB Percent	69%, 68%, 64%
CMY	0.3128, 0.3167, 0.3560
CMYK	0.00, 0.01, 0.06, 0.31
HSL	55°, 6%, 67%
HSV	55°, 6%, 69%
XYZ	39.6303, 42.1875, 41.2815
YIQ	173.1590, 3.8060, -2.8980

Conversions

Conversions Part 2

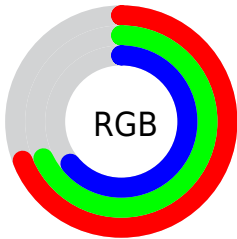
Format	Color
RYB	165, 175, 164
Decimal	11513508
CIELab	71.00, -1.46, 5.25
CIELCh	71, 5.447, 105.587
Yxy	42.1875, 0.3219, 0.3427
Android (android.graphics.Color)	4289703588 (0xFFAFAEA4)
YUV	173.1590, -4.5154, 1.6146
Hunter-Lab	64.9519, -4.7544, 7.7834

Details

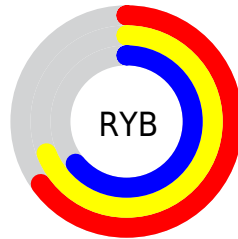
The CIELCh color **71, 5.447, 105.587** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 5.522, 286.934**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 5.207, 101.734**, and **51, 5.812, 105.347** is the 20% darker color. If you saturate the color by 10%, you get **70, 14.139, 104.578**, and if you desaturate by 10%, it is **72, 3.239, 286.656**.

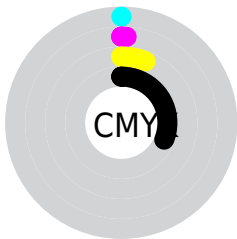
Distribution



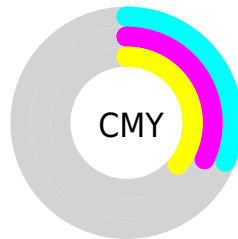
- Red (69%)
- Green (68%)
- Blue (64%)



- Red (65%)
- Yellow (69%)
- Blue (64%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (31%)



- Cyan (31%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.447, 105.587 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 71, 5.447, 105.587 by changing the saturation by 10% instead.

■ 71, 5.447, 105.587

■ 71, 5.447, 105.587

■ 100, 5.447,
105.587

■ 61, 5.447, 105.587

■ 91, 5.447, 105.587

■ 51, 5.447, 105.587

■ 41, 5.447, 105.587

■ 31, 5.447, 105.587

■ 21, 5.447, 105.587

■ 11, 5.447, 105.587

■ 1, 5.447, 105.587

■ 0, 5.447, 105.587

■ 71, 5.447, 105.587

■ 71, 5.447, 105.587

70, 14.139,
104.578

72, 3.239, 286.656

69, 22.789,
103.530

73, 11.897,
287.611

69, 31.330,
102.476

74, 20.509,
288.546

68, 39.645,
101.432

75, 29.065,
289.442

67, 47.551,
100.415

76, 37.558,
290.295

67, 54.760, 99.445

76, 38.359,
289.704

66, 60.862, 98.542

77, 37.483,
288.765

66, 65.358, 97.723

77, 36.618,
287.784

65, 67.886, 96.983

78, 35.763,
286.759

Harmonies

Complementary

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



71, 5.447, 105.587



68, 5.522, 286.934

Rectangle

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



71, 5.447, 105.587



71, 5.447, 155.587



71, 5.447, 285.587



71, 5.447, 335.587

Sweetspot

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



71, 5.449, 105.602



90, 2.134, 105.998



68, 4.259, 11.540



48, 1.223, 106.006



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



71, 5.449, 105.602



89, 8.571, 105.415



71, 6.230, 125.212



36, 4.874, 105.298



56, 61.363, 96.799



6, 9.911, 104.317

Inverse Universe

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



68, 5.522, 286.934



85, 8.708, 287.140



68, 6.306, 305.797



34, 4.960, 287.271



18, 85.773, 304.864



1, 10.517, 287.035

Previews

White Background



This preview shows how the CIELCh color 71, 5.447, 105.587 looks on a white background.

Color Contrast Check

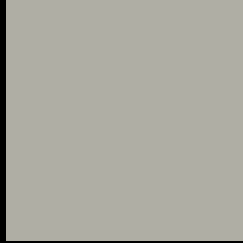
Large Text (above 18pt) WCAG AA × Fail

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 71, 5.447, 105.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

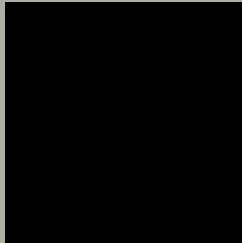
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

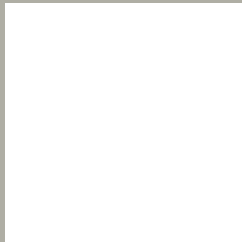
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 5.447, 105.587

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.447, 105.587.



This preview shows how white text looks on a background with the CIELCh color 71, 5.447, 105.587.

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

71, 5.447, 105.587

Protanopia

71, 5.399, 84.326

Deuteranopia

71, 10.267, 29.323



Tritanopia
71, 8.111, 309.387

Trichromacy



Original Color
71, 5.447, 105.587

Protanomaly
71, 5.247, 88.160

Deuteranomaly
71, 7.122, 42.255

Tritanomaly
71, 3.333, 324.524

Monochromacy



Original Color
71, 5.447, 105.587

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.667, 96.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 5.447, 105.587 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(175, 174, 164)` looks like.

```
.text, #text, p{  
    color:rgb(175, 174, 164)  
}
```

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(175, 174, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 174, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.447, 105.587 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(175, 174, 164) }
```

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

```
.border{ border-color:rgb(175, 174, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 174, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 174, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 174, 164);  
box-shadow:4px 4px 4px 4px rgb(175, 174,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.447, 105.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 174, 164) }
```

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

```
.background{ background-color: rgb(175,  
174, 164) }
```

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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