

Converting Colors

CIELCh(71, 36.104, 109.139)

Have a look what the booklet for
CIELCh(71, 36.104, 109.139)
contains.

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Color

CIELCh(71, 35.773, 108.618)

Conversions

Conversions Part 1

Format	Color
Hex	AFB26F
RGB	175, 178, 111
RGB Percent	69%, 70%, 44%
CMY	0.3131, 0.3013, 0.5641
CMYK	0.02, 0.00, 0.38, 0.30
HSL	63°, 30%, 57%
HSV	63°, 38%, 70%
XYZ	36.5448, 42.1875, 21.2989
YIQ	169.4650, 19.7190, -21.4730

Conversions

Conversions Part 2

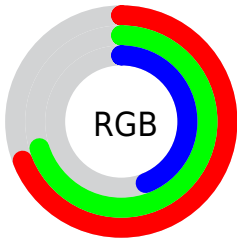
Format	Color
RYB	111, 178, 114
Decimal	11514479
CIELab	71.00, -11.42, 33.90
CIElCh	71, 35.773, 108.618
Yxy	42.1875, 0.3653, 0.4217
Android (android.graphics.Color)	4289704559 (0xFFAFB26F)
YUV	169.4650, -28.8232, 4.8542
Hunter-Lab	64.9519, -13.2339, 26.0241

Details

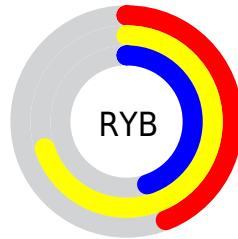
The CIELCh color **71, 35.773, 108.618** is a light color, and the websafe version is hex **999966**. A complement of this color would be **50, 39.302, 296.406**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 35.727, 109.159**, and **51, 35.389, 108.559** is the 20% darker color. If you saturate the color by 10%, you get **71, 44.721, 107.789**, and if you desaturate by 10%, it is **71, 26.475, 109.494**.

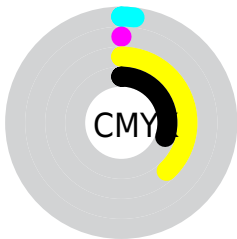
Distribution



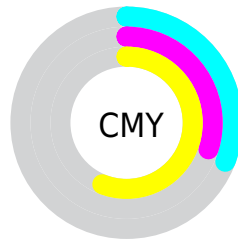
- Red (69%)
- Green (70%)
- Blue (44%)



- Red (44%)
- Yellow (70%)
- Blue (45%)



- Cyan (2%)
- Magenta (0%)
- Yellow (38%)
- Black (30%)





- Cyan (31%)
- Magenta (30%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 35.773, 108.618 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, 35.773, 108.618 by changing the saturation by 10% instead.


 71, 35.773,
108.618


 71, 35.773,
108.618


 100, 35.773,
108.618


 61, 35.773,
108.618


 91, 35.773,
108.618

 51, 35.773,
108.618

 41, 35.773,
108.618

 31, 35.773,
108.618

 21, 35.773,
108.618

 11, 35.773,
108.618

 1, 35.773, 108.618

■ 0, 35.773, 108.618

■ 71, 35.773,
108.618

■ 71, 35.773,
108.618

■ 71, 44.721,
107.789

■ 71, 26.475,
109.494

■ 70, 53.094,
107.031

■ 72, 16.969,
110.383

■ 70, 60.574,
106.388

■ 72, 7.350, 111.268

■ 70, 66.740,
105.909

■ 73, 2.319, 292.167

■ 70, 71.153,
105.644

■ 73, 11.997,
293.002

■ 70, 73.667,
105.609

■ 74, 21.655,
293.819

■ 75, 31.272,

■ 70, 74.167,
105.611

294.601

■ 75, 40.833,
295.344

■ 76, 41.546,
295.712

Harmonies

Complementary

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



71, 35.773, 108.618



50, 39.302, 296.406

Rectangle

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



71, 35.773, 108.618



71, 35.773, 158.618



71, 35.773, 288.618



71, 35.773, 338.618

Sweetspot

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



71, 35.774, 108.621



91, 13.160, 110.953



55, 28.008, 25.237



49, 8.911, 110.835



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 35.774, 108.621



90, 52.539, 107.938



69, 38.823, 128.502



38, 5.475, 111.118



61, 66.288, 105.579



8, 13.327, 112.809

Inverse Universe

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



50, 39.302, 296.406



58, 59.279, 297.747



53, 40.765, 311.996



34, 5.595, 292.820



17, 91.142, 306.453



1, 13.325, 291.540

Previews

White Background



This preview shows how the CIELCh color 71, 35.773, 108.618 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 71, 35.773, 108.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

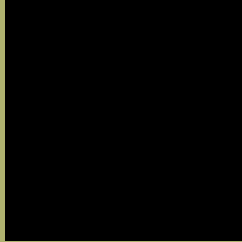
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 35.773, 108.618

Background



This preview shows how black text looks on a background with the CIELCh color 71, 35.773, 108.618.



This preview shows how white text looks on a background with the CIELCh color 71, 35.773, 108.618.

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, 35.773, 108.618

Protanopia

71, 35.472, 96.231

Deuteranopia

71, 34.134, 74.414



Tritanopia
71, 9.511, 326.714

Trichromacy



Original Color
71, 35.773, 108.618

Protanomaly
71, 35.470, 101.123

Deuteranomaly
71, 33.033, 86.534

Tritanomaly
71, 8.883, 85.959

Monochromacy



Original Color
71, 35.773, 108.618

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 13.062, 110.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 35.773, 108.618 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, 178, 111)` looks like.

```
.text, #text, p{  
    color:rgb(175, 178, 111)  
}
```

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, 178, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 178, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 35.773, 108.618 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, 178, 111) }
```

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

```
.border{ border-color:rgb(175, 178, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 178, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 178, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 178, 111);  
box-shadow:4px 4px 4px 4px rgb(175, 178,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 35.773, 108.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 178, 111) }
```

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

```
.background{ background-color: rgb(175,  
178, 111) }
```

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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