

Converting Colors

CIELCh(70, 71.973, 108.864)

Have a look what the booklet for
CIELCh(70, 71.973, 108.864)
contains.

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Color

CIELCh(70, 71.914, 108.795)

Conversions

Conversions Part 1

Format	Color
Hex	A4B417
RGB	164, 180, 23
RGB Percent	64%, 71%, 9%
CMY	0.3557, 0.2930, 0.9078
CMYK	0.09, 0.00, 0.87, 0.29
HSL	66°, 77%, 40%
HSV	66°, 87%, 71%
XYZ	31.9131, 40.7494, 7.0200
YIQ	157.3180, 40.8610, -52.2190

Conversions

Conversions Part 2

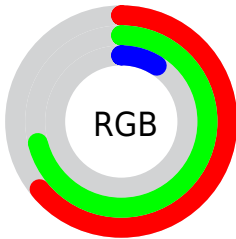
Format	Color
RYB	23, 180, 39
Decimal	10794007
CIELab	70.00, -23.17, 68.08
CIELCh	70, 71.914, 108.795
Yxy	40.7494, 0.4005, 0.5114
Android (android.graphics.Color)	4288984087 (0xFFA4B417)
YUV	157.3180, -66.2188, 5.8601
Hunter-Lab	63.8353, -22.4745, 38.1645

Details

The CIELCh color **70, 71.914, 108.795** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **25, 94.798, 305.678**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 72.038, 108.996**, and **50, 58.637, 111.602** is the 20% darker color. If you saturate the color by 10%, you get **70, 74.601, 108.989**, and if you desaturate by 10%, it is **70, 67.278, 108.897**.

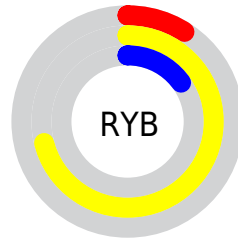
Distribution



Red (64%)

Green (71%)

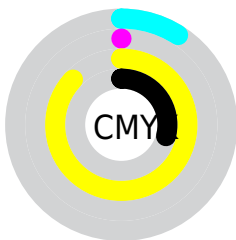
Blue (9%)



Red (9%)

Yellow (71%)

Blue (15%)

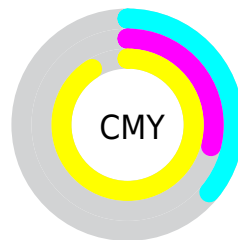


Cyan (9%)

Magenta (0%)

Yellow (87%)

Black (29%)



Cyan (36%)


Magenta (29%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 71.914, 108.795 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 70, 71.914, 108.795 by changing the saturation by 10% instead.


 70, 71.914,
108.795


 70, 71.914,
108.795


 100, 71.914,
108.795


 60, 71.914,
108.795


 90, 71.914,
108.795

 50, 71.914,
108.795

 40, 71.914,
108.795

 30, 71.914,
108.795

 20, 71.914,
108.795

 10, 71.914,
108.795

 0, 71.914, 108.795

■ 70, 71.914,
108.795

■ 70, 71.914,
108.795

■ 70, 74.601,
108.989

■ 70, 67.278,
108.897

■ 70, 75.257,
109.069

■ 70, 60.907,
109.253

■ 71, 53.248,
109.798

■ 71, 44.715,
110.471

■ 71, 35.624,
111.223

■ 72, 26.189,
112.017

■ 72, 16.553,
112.825

■ 73, 6.809, 113.629

Harmonies

Complementary

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



70, 71.914, 108.795



25, 94.798, 305.678

Rectangle

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



70, 71.914, 108.795



70, 71.914, 158.795



70, 71.914, 288.795



70, 71.914, 338.795

Sweetspot

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



70, 71.914, 108.797



91, 31.285, 112.059



40, 70.363, 38.809



48, 21.144, 111.786



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 71.914, 108.797



88, 91.679, 109.172



66, 81.630, 129.921



38, 5.490, 113.442



60, 66.662, 108.991



8, 13.402, 116.078

Inverse Universe

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



25, 94.798, 305.678



30, 125.065, 306.566



33, 88.618, 315.110



35, 5.608, 294.974



17, 90.801, 306.688



1, 13.346, 293.274

Previews

White Background



This preview shows how the CIELCh color 70, 71.914, 108.795 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 70, 71.914, 108.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

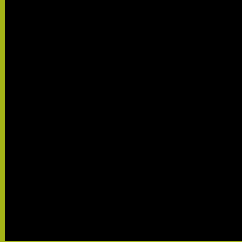
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 71.914, 108.795

Background



This preview shows how black text looks on a background with the CIELCh color 70, 71.914, 108.795.



This preview shows how white text looks on a background with the CIELCh color 70, 71.914, 108.795.

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

70, 71.914, 108.795

Protanopia

70, 69.883, 94.877

Deuteranopia

70, 66.946, 82.315



Tritanopia
70, 7.907, 315.763

Trichromacy



Original Color
70, 71.914, 108.795

Protanomaly
70, 70.014, 99.794

Deuteranomaly
70, 67.050, 92.427

Tritanomaly
69, 25.977, 107.519

Monochromacy



Original Color
70, 71.914, 108.795

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 31.023, 111.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 71.914, 108.795 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(164, 180, 23)` looks like.

```
.text, #text, p{  
    color:rgb(164, 180, 23)  
}
```

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(164, 180, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 180, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 71.914, 108.795 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(164, 180, 23) }
```

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

```
.border{ border-color:rgb(164, 180, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 180, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 180, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 180, 23);  
box-shadow:4px 4px 4px 4px rgb(164, 180,  
23) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 71.914, 108.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 180, 23) }
```

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

```
.background{ background-color: rgb(164,  
180, 23) }
```

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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