

Converting Colors

CIELCh(71, 23.856, 115.625)

Have a look what the booklet for
CIELCh(71, 23.856, 115.625)
contains.

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Color

CIELCh(71, 23.954, 115.566)

Conversions

Conversions Part 1

Format	Color
Hex	AAB286
RGB	170, 178, 134
RGB Percent	67%, 70%, 53%
CMY	0.3328, 0.3014, 0.4739
CMYK	0.04, 0.00, 0.25, 0.30
HSL	71°, 22%, 61%
HSV	71°, 25%, 70%
XYZ	36.8725, 42.1875, 28.8056
YIQ	170.5920, 9.3560, -15.3800

Conversions

Conversions Part 2

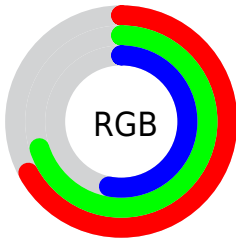
Format	Color
RYB	134, 178, 142
Decimal	11186822
CIELab	71.00, -10.34, 21.61
CIELCh	71, 23.954, 115.566
Yxy	42.1875, 0.3418, 0.3911
Android (android.graphics.Color)	4289376902 (0xFFAAB286)
YUV	170.5920, -18.0399, -0.5192
Hunter-Lab	64.9519, -12.3334, 19.1717

Details

The CIELCh color **71, 23.954, 115.566** is a light color, and the websafe version is hex **999966**. A complement of this color would be **58, 25.284, 299.310**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 24.327, 115.389**, and **51, 23.745, 115.635** is the 20% darker color. If you saturate the color by 10%, you get **70, 33.433, 114.874**, and if you desaturate by 10%, it is **72, 14.310, 116.275**.

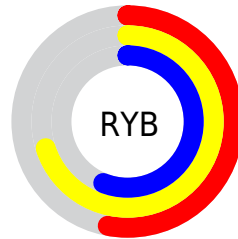
Distribution



Red (67%)

Green (70%)

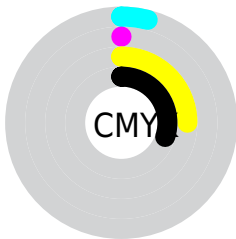
Blue (53%)



Red (53%)

Yellow (70%)

Blue (56%)

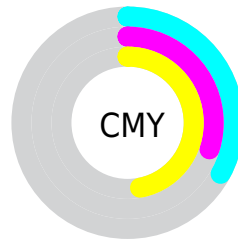


Cyan (4%)

Magenta (0%)

Yellow (25%)

Black (30%)



Cyan (33%)


Magenta (30%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 23.954, 115.566 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, 23.954, 115.566 by changing the saturation by 10% instead.


 71, 23.954,
115.566

 71, 23.954,
115.566


 100, 23.954,
115.566


 61, 23.954,
115.566

 91, 23.954,
115.566

 51, 23.954,
115.566

 41, 23.954,
115.566

 31, 23.954,
115.566

 21, 23.954,
115.566

 11, 23.954,
115.566

 1, 23.954, 115.566

■ 0, 23.954, 115.566

■ 71, 23.954,
115.566

■ 71, 23.954,
115.566

■ 70, 33.433,
114.874

■ 72, 14.310,
116.275

■ 70, 42.614,
114.215

■ 72, 4.579, 116.973

■ 69, 51.308,
113.632

■ 73, 5.178, 297.648

■ 74, 14.922,
298.298

■ 69, 59.233,
113.179

■ 75, 24.624,
298.915

■ 69, 66.005,
112.930

■ 76, 34.263,
299.496

■ 68, 71.181,
112.971

■ 76, 41.787,

■ 68, 74.423,
113.376

300.230

■ 68, 75.666,
113.674

■ 77, 41.907,
301.639

■ 77, 42.050,
303.051

Harmonies

Complementary

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



71, 23.954, 115.566



58, 25.284, 299.310

Rectangle

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



71, 23.954, 115.566



71, 23.954, 165.566



71, 23.954, 295.566



71, 23.954, 345.566

Sweetspot

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



71, 23.956, 115.569



91, 8.453, 116.806



62, 15.702, 35.788



49, 5.537, 116.765



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, 23.956, 115.569



90, 35.943, 115.162



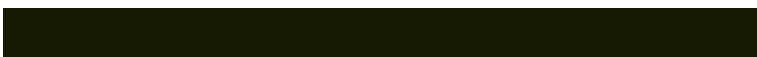
69, 26.581, 133.558



38, 5.525, 116.652



59, 67.602, 113.554



8, 13.555, 120.244

Inverse Universe

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



58, 25.284, 299.310



70, 38.493, 299.895



60, 27.139, 315.708



35, 5.639, 297.971



18, 90.085, 307.205



1, 13.396, 295.685

Previews

White Background



This preview shows how the CIELCh color 71, 23.954, 115.566 looks on a white background.

Color Contrast Check

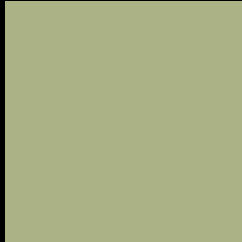
Large Text (above 18pt) WCAG AA × Fail

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, 23.954, 115.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

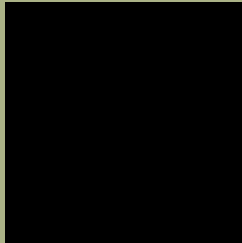
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 23.954, 115.566

Background



This preview shows how black text looks on a background with the CIELCh color 71, 23.954, 115.566.



This preview shows how white text looks on a background with the CIELCh color 71, 23.954, 115.566.

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, 23.954, 115.566

Protanopia

71, 22.863, 94.367

Deuteranopia

71, 22.313, 66.587



Tritanopia
71, 7.999, 306.884

Trichromacy



Original Color
71, 23.954, 115.566

Protanomaly
71, 22.793, 102.740

Deuteranomaly
71, 20.771, 84.909

Tritanomaly
71, 3.819, 104.058

Monochromacy



Original Color
71, 23.954, 115.566

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.791, 116.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 23.954, 115.566 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(170, 178, 134)` looks like.

```
.text, #text, p{  
    color:rgb(170, 178, 134)  
}
```

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(170, 178, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 178, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 23.954, 115.566 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(170, 178, 134) }
```

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

```
.border{ border-color:rgb(170, 178, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 178, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 178, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 178, 134);  
box-shadow:4px 4px 4px 4px rgb(170, 178,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 23.954, 115.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 178, 134) }
```

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

```
.background{ background-color: rgb(170,  
178, 134) }
```

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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