

Converting Colors

CIELCh(71, 62.871, 103.895)

Have a look what the booklet for
CIELCh(71, 62.871, 103.895)
contains.

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Color

CIELCh(71, 62.621, 103.954)

Conversions

Conversions Part 1

Format	Color
Hex	B3B335
RGB	179, 179, 53
RGB Percent	70%, 70%, 21%
CMY	0.2972, 0.2972, 0.7913
CMYK	0.00, 0.00, 0.70, 0.30
HSL	60°, 54%, 46%
HSV	60°, 70%, 70%
XYZ	35.4464, 42.1875, 9.6685
YIQ	164.6360, 40.4460, -39.1860

Conversions

Conversions Part 2

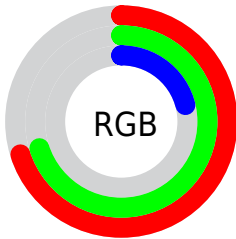
Format	Color
RYB	53, 179, 53
Decimal	11776821
CIELab	71.00, -15.10, 60.77
CIELCh	71, 62.621, 103.954
Yxy	42.1875, 0.4060, 0.4832
Android (android.graphics.Color)	4289966901 (0xFFB3B335)
YUV	164.6360, -55.0365, 12.5972
Hunter-Lab	64.9519, -16.2526, 36.6407

Details

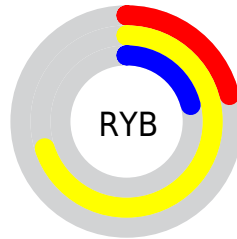
The CIELCh color **71, 62.621, 103.954** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **31, 78.135, 301.729**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 62.700, 104.319**, and **51, 57.852, 104.740** is the 20% darker color. If you saturate the color by 10%, you get **71, 68.359, 103.410**, and if you desaturate by 10%, it is **71, 55.433, 104.654**.

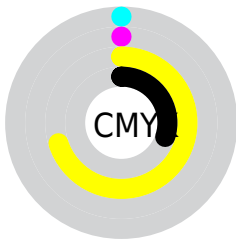
Distribution



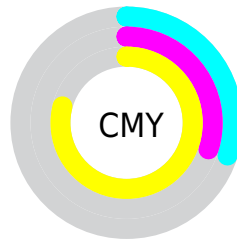
- Red (70%)
- Green (70%)
- Blue (21%)



- Red (21%)
- Yellow (70%)
- Blue (21%)



- Cyan (0%)
- Magenta (0%)
- Yellow (70%)
- Black (30%)





- Cyan (30%)
- Magenta (30%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 62.621, 103.954 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, 62.621, 103.954 by changing the saturation by 10% instead.


 71, 62.621,
103.954


 71, 62.621,
103.954


 100, 62.621,
103.954


 61, 62.621,
103.954


 91, 62.621,
103.954

 51, 62.621,
103.954

 41, 62.621,
103.954

 31, 62.621,
103.954

 21, 62.621,
103.954

 11, 62.621,
103.954

 1, 62.621, 103.954

0, 62.621, 103.954

71, 62.621,
103.954

71, 62.621,
103.954

71, 68.359,
103.410

71, 55.433,
104.654

71, 72.229,
103.047

71, 47.234,
105.464

71, 74.368,
102.849

72, 38.380,
106.350

72, 29.119,
107.282

72, 19.619,
108.236

73, 9.985, 109.192

■ 73, 0.288, 109.941

■ 74, 9.428, 291.082

■ 74, 19.132,
291.979

Harmonies

Complementary

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



71, 62.621, 103.954



31, 78.135, 301.729

Rectangle

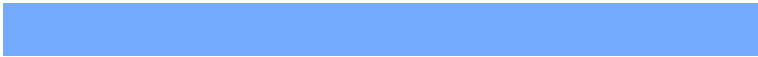
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 62.621, 103.954



71, 62.621, 153.954



71, 62.621, 283.954



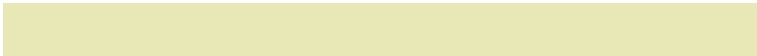
71, 62.621, 333.954

Sweetspot

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



71, 62.621, 103.956



91, 25.021, 108.135



42, 58.147, 29.230



49, 17.050, 107.874



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, 62.621, 103.956



89, 85.647, 103.200



67, 68.081, 125.717



38, 5.470, 109.286



61, 66.183, 102.849



8, 13.293, 110.077

Inverse Universe

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



31, 78.135, 301.729



33, 113.823, 304.656



37, 76.073, 311.972



34, 5.590, 291.128



17, 91.387, 306.286



1, 13.316, 290.176

Previews

White Background



This preview shows how the CIELCh color 71, 62.621, 103.954 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, 62.621, 103.954 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, 62.621, 103.954

Background



This preview shows how black text looks on a background with the CIELCh color 71, 62.621, 103.954.



This preview shows how white text looks on a background with the CIELCh color 71, 62.621, 103.954.

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, 62.621, 103.954

Protanopia

71, 61.902, 95.210

Deuteranopia

71, 60.254, 81.370



Tritanopia
71, 11.215, 341.216

Trichromacy



Original Color
71, 62.621, 103.954

Protanomaly
71, 62.153, 98.585

Deuteranomaly
71, 59.739, 89.796

Tritanomaly
70, 21.050, 91.082

Monochromacy



Original Color
71, 62.621, 103.954

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 24.962, 107.602

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 62.621, 103.954 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(179, 179, 53)` looks like.

```
.text, #text, p{  
    color:rgb(179, 179, 53)  
}
```

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(179, 179, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 179, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 62.621, 103.954 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(179, 179, 53) }
```

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

```
.border{ border-color:rgb(179, 179, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 179, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 179, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 179, 53);  
box-shadow:4px 4px 4px 4px rgb(179, 179,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 62.621, 103.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 179, 53) }
```

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

```
.background{ background-color: rgb(179,  
179, 53) }
```

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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