

Converting Colors

CIELCh(71, 63.951, 97.979)

Have a look what the booklet for
CIELCh(71, 63.951, 97.979) contains.

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Color

CIELCh(71, 63.962, 98.148)

Conversions

Conversions Part 1

Format	Color
Hex	BEB02F
RGB	190, 176, 47
RGB Percent	75%, 69%, 18%
CMY	0.2550, 0.3099, 0.8158
CMYK	0.00, 0.07, 0.75, 0.26
HSL	54°, 60%, 46%
HSV	54°, 75%, 74%
XYZ	37.2597, 42.1875, 8.8651
YIQ	165.4800, 49.7530, -37.1510

Conversions

Conversions Part 2

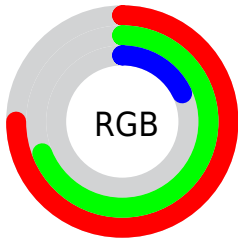
Format	Color
RYB	63, 190, 47
Decimal	12496943
CIELab	71.00, -9.07, 63.32
CIELCh	71, 63.962, 98.148
Yxy	42.1875, 0.4219, 0.4777
Android (android.graphics.Color)	4290687023 (0xFFBEB02F)
YUV	165.4800, -58.4106, 21.5040
Hunter-Lab	64.9519, -11.2693, 37.3740

Details

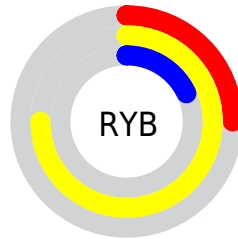
The CIELCh color **71, 63.962, 98.148** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **33, 79.393, 299.784**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 63.740, 98.173**, and **51, 56.987, 98.482** is the 20% darker color. If you saturate the color by 10%, you get **70, 68.867, 97.289**, and if you desaturate by 10%, it is **72, 57.370, 99.087**.

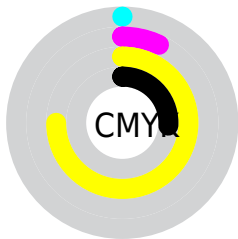
Distribution



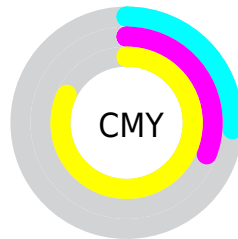
- Red (75%)
- Green (69%)
- Blue (18%)



- Red (25%)
- Yellow (75%)
- Blue (18%)



- Cyan (0%)
- Magenta (7%)
- Yellow (75%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 63.962, 98.148 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, 63.962, 98.148 by changing the saturation by 10% instead.

■ 71, 63.962, 98.148

■ 71, 63.962, 98.148

■ 100, 63.962,
98.148

■ 61, 63.962, 98.148

■ 91, 63.962, 98.148

■ 51, 63.962, 98.148

■ 41, 63.962, 98.148

■ 31, 63.962, 98.148

■ 21, 63.962, 98.148

■ 11, 63.962, 98.148

■ 1, 63.962, 98.148

■ 0, 63.962, 98.148

■ 71, 63.962, 98.148

■ 71, 63.962, 98.148

70, 68.867, 97.289

72, 57.370, 99.087

70, 71.626, 96.500

72, 49.633,
100.084

70, 72.477, 96.141

73, 41.186,
101.124

74, 32.328,
102.187

75, 23.248,
103.256

76, 14.065,
104.317

76, 4.849, 105.348

77, 4.357, 286.409

78, 13.525,
287.376

Harmonies

Complementary

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



71, 63.962, 98.148



33, 79.393, 299.784

Rectangle

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



71, 63.962, 98.148



71, 63.962, 148.148



71, 63.962, 278.148



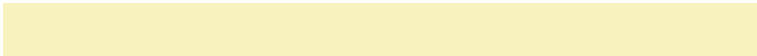
71, 63.962, 328.148

Sweetspot

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



71, 63.962, 98.150



95, 26.225, 103.459



43, 62.719, 25.343



51, 18.284, 103.068



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 63.962, 98.150



89, 86.378, 96.794



71, 73.297, 122.630



40, 5.188, 104.934



59, 63.323, 96.241



10, 14.865, 101.858

Inverse Universe

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



33, 79.393, 299.784



36, 117.190, 303.594



35, 85.117, 310.009



37, 5.279, 286.943



19, 88.747, 304.799



1, 16.209, 287.770

Previews

White Background



This preview shows how the CIELCh color 71, 63.962, 98.148 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, 63.962, 98.148 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, 63.962, 98.148

Background



This preview shows how black text looks on a background with the CIELCh color 71, 63.962, 98.148.



This preview shows how white text looks on a background with the CIELCh color 71, 63.962, 98.148.

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, 63.962, 98.148

Protanopia

71, 63.667, 95.261

Deuteranopia

71, 63.073, 81.641



Tritanopia
71, 15.425, 353.599

Trichromacy



Original Color
71, 63.962, 98.148

Protanomaly
71, 63.824, 96.509

Deuteranomaly
71, 62.799, 87.617

Tritanomaly
70, 23.888, 78.760

Monochromacy



Original Color
71, 63.962, 98.148

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 25.603, 102.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 63.962, 98.148 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(190, 176, 47)` looks like.

```
.text, #text, p{  
    color:rgb(190, 176, 47)  
}
```

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(190, 176, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 176, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 63.962, 98.148 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(190, 176, 47) }
```

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

```
.border{ border-color:rgb(190, 176, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 176, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 176, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 176, 47);  
box-shadow:4px 4px 4px 4px rgb(190, 176,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 63.962, 98.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 176, 47) }
```

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

```
.background{ background-color: rgb(190,  
176, 47) }
```

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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