

Converting Colors

CIELCh(71, 55.006, 103.267)

Have a look what the booklet for
CIELCh(71, 55.006, 103.267)
contains.

CIELCh(71, 55.008, 103.300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 55.008, 103.300)

Conversions

Conversions Part 1

Format	Color
Hex	B5B247
RGB	181, 178, 71
RGB Percent	71%, 70%, 28%
CMY	0.2897, 0.3014, 0.7211
CMYK	0.00, 0.02, 0.61, 0.29
HSL	58°, 44%, 49%
HSV	58°, 61%, 71%
XYZ	36.1740, 42.1875, 12.2183
YIQ	166.6990, 36.1350, -32.6410

Conversions

Conversions Part 2

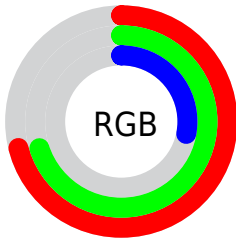
Format	Color
RYB	74, 181, 71
Decimal	11907655
CIELab	71.00, -12.65, 53.53
CIELCh	71, 55.008, 103.300
Yxy	42.1875, 0.3994, 0.4657
Android (android.graphics.Color)	4290097735 (0xFFB5B247)
YUV	166.6990, -47.1796, 12.5420
Hunter-Lab	64.9519, -14.2529, 34.3131

Details

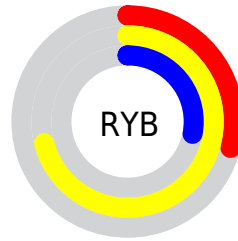
The CIELCh color **71, 55.008, 103.300** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **37, 65.363, 298.719**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 55.099, 103.549**, and **51, 55.222, 103.618** is the 20% darker color. If you saturate the color by 10%, you get **71, 62.116, 102.537**, and if you desaturate by 10%, it is **71, 46.903, 104.165**.

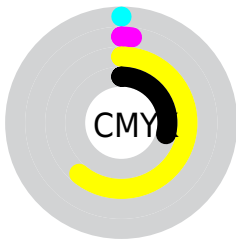
Distribution



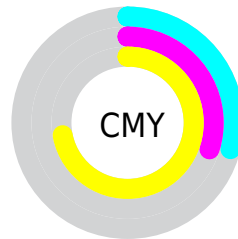
- Red (71%)
- Green (70%)
- Blue (28%)



- Red (29%)
- Yellow (71%)
- Blue (28%)



- Cyan (0%)
- Magenta (2%)
- Yellow (61%)
- Black (29%)





- Cyan (29%)
- Magenta (30%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 55.008, 103.300 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, 55.008, 103.300 by changing the saturation by 10% instead.


 71, 55.008,
103.300


 71, 55.008,
103.300


 100, 55.008,
103.300


 61, 55.008,
103.300


 91, 55.008,
103.300

 51, 55.008,
103.300

 41, 55.008,
103.300

 31, 55.008,
103.300

 21, 55.008,
103.300

 11, 55.008,
103.300

 1, 55.008, 103.300

0, 55.008, 103.300

71, 55.008,
103.300

71, 55.008,
103.300

71, 62.116,
102.537

71, 46.903,
104.165

70, 67.767,
101.904

72, 38.160,
105.094

70, 71.519,
101.430

72, 29.030,
106.060

70, 73.467,
101.113

73, 19.679,
107.044

73, 10.210,
108.025

74, 0.689, 108.902

■ 74, 8.840, 289.959

■ 75, 18.349,
290.872

■ 76, 27.819,
291.752

Harmonies

Complementary

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



71, 55.008, 103.300



37, 65.363, 298.719

Rectangle

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



71, 55.008, 103.300



71, 55.008, 153.300



71, 55.008, 283.300



71, 55.008, 333.300

Sweetspot

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



71, 55.009, 103.303



92, 21.098, 107.283



45, 49.665, 25.216



49, 14.636, 107.000



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, 55.009, 103.303



89, 78.013, 102.300



68, 60.544, 125.232



39, 5.449, 108.160



61, 65.671, 101.134



9, 14.579, 107.393

Inverse Universe

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



37, 65.363, 298.719



40, 98.485, 301.793



41, 66.865, 311.126



36, 5.563, 290.049



18, 91.154, 305.883



1, 15.072, 289.498

Previews

White Background



This preview shows how the CIELCh color 71, 55.008, 103.300 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, 55.008, 103.300 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, 55.008, 103.300

Background



This preview shows how black text looks on a background with the CIELCh color 71, 55.008, 103.300.



This preview shows how white text looks on a background with the CIELCh color 71, 55.008, 103.300.

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, 55.008, 103.300

Protanopia

71, 54.588, 95.330

Deuteranopia

71, 53.229, 80.214



Tritanopia
71, 11.510, 342.455

Trichromacy



Original Color
71, 55.008, 103.300

Protanomaly
71, 54.940, 98.654

Deuteranomaly
71, 52.638, 88.722

Tritanomaly
71, 18.097, 87.358

Monochromacy



Original Color
71, 55.008, 103.300

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 21.190, 106.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 55.008, 103.300 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(181, 178, 71)` looks like.

```
.text, #text, p{  
    color:rgb(181, 178, 71)  
}
```

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(181, 178, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 178, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 55.008, 103.300 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(181, 178, 71) }
```

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

```
.border{ border-color:rgb(181, 178, 71) }
```

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

Here you see how a box with a 4 pixel rgb(181, 178, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 178, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 178, 71);  
box-shadow:4px 4px 4px 4px rgb(181, 178,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 55.008, 103.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 178, 71) }
```

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

```
.background{ background-color: rgb(181,  
178, 71) }
```

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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