

Converting Colors

CIELCh(73, 69.682, 102.542)

Have a look what the booklet for
CIELCh(73, 69.682, 102.542)
contains.

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Color

CIELCh(73, 69.598, 102.326)

Conversions

Conversions Part 1

Format	Color
Hex	BBB825
RGB	187, 184, 37
RGB Percent	73%, 72%, 15%
CMY	0.2653, 0.2771, 0.8532
CMYK	0.00, 0.02, 0.80, 0.27
HSL	59°, 67%, 44%
HSV	59°, 80%, 73%
XYZ	38.1304, 45.1644, 8.4933
YIQ	168.1390, 48.9750, -45.0810

Conversions

Conversions Part 2

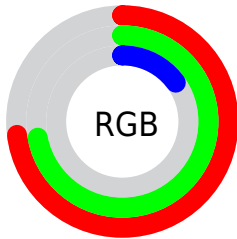
Format	Color
RYB	40, 187, 37
Decimal	12302373
CIELab	73.00, -14.86, 67.99
CIELCh	73, 69.598, 102.326
Yxy	45.1644, 0.4154, 0.4921
Android (android.graphics.Color)	4290492453 (0xFFBBB825)
YUV	168.1390, -64.6515, 16.5411
Hunter-Lab	67.2044, -16.3306, 39.5500

Details

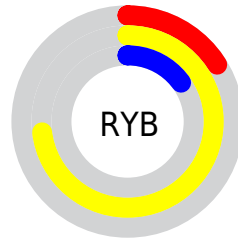
The CIELCh color **73, 69.598, 102.326** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **28, 90.452, 303.270**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 69.841, 102.544**, and **53, 59.119, 103.312** is the 20% darker color. If you saturate the color by 10%, you get **73, 73.574, 101.877**, and if you desaturate by 10%, it is **73, 63.684, 102.946**.

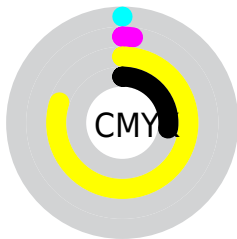
Distribution



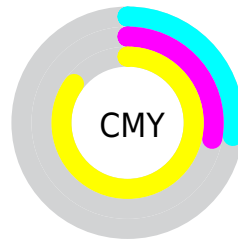
- Red (73%)
- Green (72%)
- Blue (15%)



- Red (16%)
- Yellow (73%)
- Blue (15%)



- Cyan (0%)
- Magenta (2%)
- Yellow (80%)
- Black (27%)





- Cyan (27%)
- Magenta (28%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 69.598, 102.326 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 73, 69.598, 102.326 by changing the saturation by 10% instead.


 73, 69.598,
102.326


 73, 69.598,
102.326


 100, 69.598,
102.326


 63, 69.598,
102.326


 93, 69.598,
102.326

 53, 69.598,
102.326

 43, 69.598,
102.326

 33, 69.598,
102.326

 23, 69.598,
102.326

 13, 69.598,
102.326

 3, 69.598, 102.326

■ 0, 69.598, 102.326

■ 73, 69.598,
102.326

■ 73, 69.598,
102.326

■ 73, 73.574,
101.877

■ 73, 63.684,
102.946

■ 73, 75.727,
101.574

■ 73, 56.287,
103.700

■ 74, 47.874,
104.555

■ 74, 38.813,
105.477

■ 74, 29.357,
106.438

■ 75, 19.674,
107.416

■ 75, 9.869, 108.393

■ 76, 0.012, 103.606

■ 77, 9.855, 290.317

Harmonies

Complementary

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



73, 69.598, 102.326



28, 90.452, 303.270

Rectangle

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



73, 69.598, 102.326



73, 69.598, 152.326



73, 69.598, 282.326



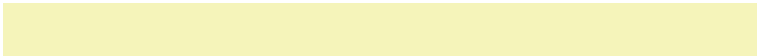
73, 69.598, 332.326

Sweetspot

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



73, 69.598, 102.328



95, 29.254, 106.987



41, 68.178, 31.716



50, 20.052, 106.638



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



73, 69.598, 102.328



92, 91.872, 101.650



69, 76.992, 125.297



40, 5.614, 108.457



62, 66.803, 101.591



11, 16.469, 106.588

Inverse Universe

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



28, 90.452, 303.270



32, 127.142, 305.853



34, 87.913, 311.730



36, 5.733, 290.342



18, 92.621, 305.994



1, 17.182, 290.081

Previews

White Background



This preview shows how the CIELCh color 73, 69.598, 102.326 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 73, 69.598, 102.326 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 73, 69.598, 102.326

Background



This preview shows how black text looks on a background with the CIELCh color 73, 69.598, 102.326.



This preview shows how white text looks on a background with the CIELCh color 73, 69.598, 102.326.

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

73, 69.598, 102.326

Protanopia

73, 69.263, 95.217

Deuteranopia

73, 67.570, 82.110



Tritanopia
73, 12.361, 345.800

Trichromacy



Original Color
73, 69.598, 102.326

Protanomaly
73, 69.254, 97.873

Deuteranomaly
73, 67.190, 89.620

Tritanomaly
72, 25.572, 89.797

Monochromacy



Original Color
73, 69.598, 102.326

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 28.574, 106.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 69.598, 102.326 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(187, 184, 37)` looks like.

```
.text, #text, p{  
    color:rgb(187, 184, 37)  
}
```

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(187, 184, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 184, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 69.598, 102.326 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(187, 184, 37) }
```

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

```
.border{ border-color:rgb(187, 184, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 184, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 184, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 184, 37);  
box-shadow:4px 4px 4px 4px rgb(187, 184,  
37) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 69.598, 102.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 184, 37) }
```

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

```
.background{ background-color: rgb(187,  
184, 37) }
```

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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