

Converting Colors

CIELCh(73, 59.963, 106.905)

Have a look what the booklet for
CIELCh(73, 59.963, 106.905)
contains.

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Color

CIELCh(73, 60.029, 106.870)

Conversions

Conversions Part 1

Format	Color
Hex	B4BA43
RGB	180, 186, 67
RGB Percent	71%, 73%, 26%
CMY	0.2946, 0.2710, 0.7377
CMYK	0.03, 0.00, 0.64, 0.27
HSL	63°, 47%, 50%
HSV	63°, 64%, 73%
XYZ	37.3408, 45.1644, 12.0426
YIQ	170.6400, 34.6230, -38.2810

Conversions

Conversions Part 2

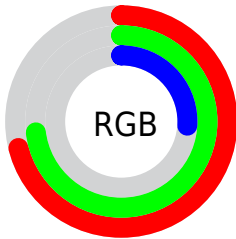
Format	Color
RYB	67, 186, 73
Decimal	11844163
CIELab	73.00, -17.42, 57.45
CIElCh	73, 60.029, 106.870
Yxy	45.1644, 0.3949, 0.4777
Android (android.graphics.Color)	4290034243 (0xFFB4BA43)
YUV	170.6400, -51.0945, 8.2087
Hunter-Lab	67.2044, -18.4277, 36.4188

Details

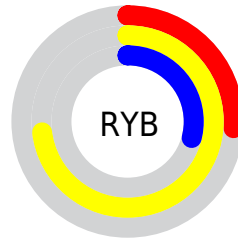
The CIELCh color **73, 60.029, 106.870** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **36, 72.693, 301.310**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 59.881, 106.972**, and **53, 59.960, 106.905** is the 20% darker color. If you saturate the color by 10%, you get **73, 66.930, 106.343**, and if you desaturate by 10%, it is **73, 51.924, 107.552**.

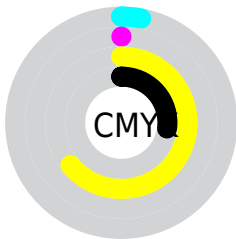
Distribution



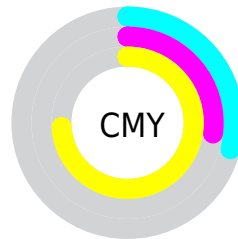
- Red (71%)
- Green (73%)
- Blue (26%)



- Red (26%)
- Yellow (73%)
- Blue (29%)



- Cyan (3%)
- Magenta (0%)
- Yellow (64%)
- Black (27%)





- Cyan (29%)
- Magenta (27%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 60.029, 106.870 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, 60.029, 106.870 by changing the saturation by 10% instead.


 73, 60.029,
106.870


 73, 60.029,
106.870


 100, 60.029,
106.870


 63, 60.029,
106.870


 93, 60.029,
106.870

 53, 60.029,
106.870

 43, 60.029,
106.870

 33, 60.029,
106.870

 23, 60.029,
106.870

 13, 60.029,
106.870

 3, 60.029, 106.870

0, 60.029, 106.870

73, 60.029,
106.870

73, 60.029,
106.870

73, 66.930,
106.343

73, 51.924,
107.552

73, 72.157,
106.018

74, 43.017,
108.333

73, 75.350,
105.937

74, 33.606,
109.176

72, 76.575,
105.969

74, 23.888,
110.051

75, 13.995,
110.936

75, 4.011, 111.807

■ 76, 6.007, 292.685

■ 76, 16.023,
293.514

■ 77, 26.009,
294.312

Harmonies

Complementary

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



73, 60.029, 106.870



36, 72.693, 301.310

Rectangle

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



73, 60.029, 106.870



73, 60.029, 156.870



73, 60.029, 286.870



73, 60.029, 336.870

Sweetspot

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



73, 60.030, 106.872



94, 23.486, 110.467



46, 52.858, 31.063



51, 16.275, 110.212



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, 60.030, 106.872



92, 84.639, 106.176



69, 66.213, 128.068



39, 5.605, 111.348



62, 67.123, 105.928



9, 15.198, 112.131

Inverse Universe

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



36, 72.693, 301.310



38, 108.948, 303.969



42, 71.879, 313.672



35, 5.728, 293.038



18, 92.227, 306.471



1, 15.396, 291.760

Previews

White Background



This preview shows how the CIELCh color 73, 60.029, 106.870 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 73, 60.029, 106.870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

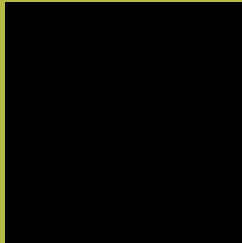
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 60.029, 106.870

Background



This preview shows how black text looks on a background with the CIELCh color 73, 60.029, 106.870.



This preview shows how white text looks on a background with the CIELCh color 73, 60.029, 106.870.

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, 60.029, 106.870

Protanopia

73, 58.826, 95.277

Deuteranopia

73, 57.090, 80.310



Tritanopia
73, 9.918, 330.228

Trichromacy



Original Color
73, 60.029, 106.870

Protanomaly
73, 59.004, 99.676

Deuteranomaly
73, 56.568, 90.542

Tritanomaly
73, 18.710, 97.176

Monochromacy



Original Color
73, 60.029, 106.870

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 23.237, 109.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 60.029, 106.870 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(180, 186, 67)` looks like.

```
.text, #text, p{  
    color:rgb(180, 186, 67)  
}
```

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(180, 186, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 186, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 60.029, 106.870 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(180, 186, 67) }
```

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

```
.border{ border-color:rgb(180, 186, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 186, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 186, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 186, 67);  
box-shadow:4px 4px 4px 4px rgb(180, 186,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 60.029, 106.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 186, 67) }
```

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

```
.background{ background-color: rgb(180,  
186, 67) }
```

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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