

Converting Colors

CIELCh(73, 51.043, 104.265)

Have a look what the booklet for
CIELCh(73, 51.043, 104.265)
contains.

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Color

CIELCh(73, 51.286, 104.197)

Conversions

Conversions Part 1

Format	Color
Hex	BAB855
RGB	186, 184, 85
RGB Percent	73%, 72%, 33%
CMY	0.2721, 0.2799, 0.6681
CMYK	0.00, 0.01, 0.54, 0.27
HSL	59°, 42%, 53%
HSV	59°, 54%, 73%
XYZ	38.8418, 45.1644, 15.1903
YIQ	173.3120, 32.9710, -30.3650

Conversions

Conversions Part 2

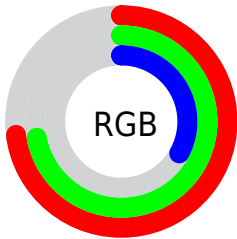
Format	Color
RYB	87, 186, 85
Decimal	12236885
CIELab	73.00, -12.58, 49.72
CIELCh	73, 51.286, 104.197
Yxy	45.1644, 0.3916, 0.4553
Android (android.graphics.Color)	4290426965 (0xFFBAB855)
YUV	173.3120, -43.5378, 11.1274
Hunter-Lab	67.2044, -14.4411, 33.6417

Details

The CIELCh color **73, 51.286, 104.197** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **42, 59.545, 297.616**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 51.161, 104.270**, and **53, 51.069, 104.331** is the 20% darker color. If you saturate the color by 10%, you get **73, 59.253, 103.386**, and if you desaturate by 10%, it is **73, 42.534, 105.095**.

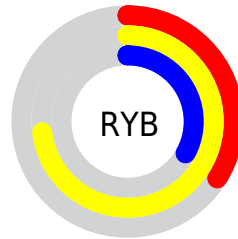
Distribution



Red (73%)

Green (72%)

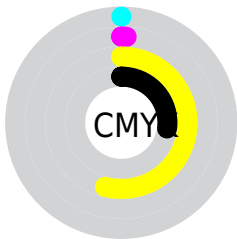
Blue (33%)



Red (34%)

Yellow (73%)

Blue (33%)

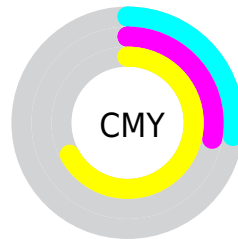


Cyan (0%)

Magenta (1%)

Yellow (54%)

Black (27%)



Cyan (27%)


Magenta (28%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 51.286, 104.197 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, 51.286, 104.197 by changing the saturation by 10% instead.


 73, 51.286,
104.197


 73, 51.286,
104.197


 100, 51.286,
104.197


 63, 51.286,
104.197


 93, 51.286,
104.197

 53, 51.286,
104.197

 43, 51.286,
104.197

 33, 51.286,
104.197

 23, 51.286,
104.197

 13, 51.286,
104.197

 3, 51.286, 104.197

0, 51.286, 104.197

73, 51.286,
104.197

73, 51.286,
104.197

73, 59.253,
103.386

73, 42.534,
105.095

73, 66.018,
102.689

74, 33.292,
106.040

72, 71.104,
102.143

74, 23.760,
107.012

72, 74.136,
101.770

75, 14.068,
107.991

72, 75.231,
101.610

75, 4.297, 108.953

76, 5.501, 289.935

76, 15.290,

290.853

■ 77, 25.048,
291.744

■ 78, 34.758,
292.596

Harmonies

Complementary

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



73, 51.286, 104.197



42, 59.545, 297.616

Rectangle

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



73, 51.286, 104.197



73, 51.286, 154.197



73, 51.286, 284.197



73, 51.286, 334.197

Sweetspot

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



73, 51.287, 104.200



95, 19.405, 107.808



49, 44.838, 23.630



51, 13.200, 107.606



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, 51.287, 104.200



92, 73.873, 103.259



70, 55.974, 125.412



39, 5.491, 108.483



61, 66.037, 101.627



9, 14.734, 107.812

Inverse Universe

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



42, 59.545, 297.616



46, 90.082, 300.219



45, 61.111, 310.805



35, 5.607, 290.360



18, 91.530, 305.997



1, 15.160, 289.726

Previews

White Background



This preview shows how the CIELCh color 73, 51.286, 104.197 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, 51.286, 104.197 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, 51.286, 104.197

Background



This preview shows how black text looks on a background with the CIELCh color 73, 51.286, 104.197.



This preview shows how white text looks on a background with the CIELCh color 73, 51.286, 104.197.

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, 51.286, 104.197

Protanopia

73, 50.889, 95.258

Deuteranopia

73, 49.869, 79.321



Tritanopia
73, 11.147, 341.187

Trichromacy



Original Color
73, 51.286, 104.197

Protanomaly
73, 50.796, 98.773

Deuteranomaly
73, 49.122, 88.802

Tritanomaly
73, 16.305, 87.012

Monochromacy



Original Color
73, 51.286, 104.197

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 19.456, 107.052

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 51.286, 104.197 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(186, 184, 85)` looks like.

```
.text, #text, p{  
    color:rgb(186, 184, 85)  
}
```

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(186, 184, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 184, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 51.286, 104.197 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(186, 184, 85) }
```

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

```
.border{ border-color:rgb(186, 184, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 184, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 184, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 184, 85);  
box-shadow:4px 4px 4px 4px rgb(186, 184,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 51.286, 104.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 184, 85) }
```

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

```
.background{ background-color: rgb(186,  
184, 85) }
```

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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