

Converting Colors

CIELCh(74, 42.167, 103.189)

Have a look what the booklet for
CIELCh(74, 42.167, 103.189)
contains.

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Color

CIELCh(74, 42.167, 103.189)

Conversions

Conversions Part 1

Format	Color
Hex	BEB969
RGB	190, 185, 105
RGB Percent	75%, 73%, 41%
CMY	0.2546, 0.2742, 0.5880
CMYK	0.00, 0.03, 0.45, 0.25
HSL	56°, 40%, 58%
HSV	56°, 45%, 75%
XYZ	41.1692, 46.7039, 20.2269
YIQ	177.3750, 28.6600, -23.8200

Conversions

Conversions Part 2

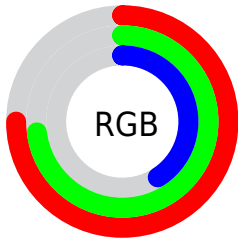
Format	Color
RYB	110, 190, 105
Decimal	12499305
CIELab	74.00, -9.62, 41.05
CIELCh	74, 42.167, 103.189
Yxy	46.7039, 0.3808, 0.4320
Android (android.graphics.Color)	4290689385 (0xFFBEB969)
YUV	177.3750, -35.6809, 11.0721
Hunter-Lab	68.3403, -12.0646, 30.2900

Details

The CIELCh color **74, 42.167, 103.189** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **49, 46.838, 294.146**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 42.038, 103.043**, and **54, 42.152, 103.038** is the 20% darker color. If you saturate the color by 10%, you get **73, 50.851, 102.225**, and if you desaturate by 10%, it is **75, 33.031, 104.196**.

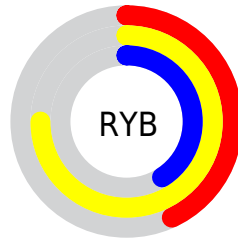
Distribution



Red (75%)

Green (73%)

Blue (41%)



Red (43%)

Yellow (75%)

Blue (41%)

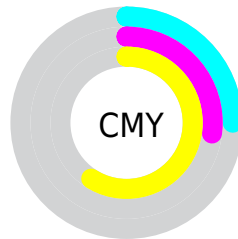


Cyan (0%)

Magenta (3%)

Yellow (45%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 42.167, 103.189 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 74, 42.167, 103.189 by changing the saturation by 10% instead.

 74, 42.167,
103.189

 74, 42.167,
103.189


 100, 42.167,
103.189

 64, 42.167,
103.189

 94, 42.167,
103.189

 54, 42.167,
103.189

 44, 42.167,
103.189

 34, 42.167,
103.189

 24, 42.167,
103.189

 14, 42.167,
103.189

 4, 42.167, 103.189

■ 0, 42.167, 103.189

■ 74, 42.167,
103.189

■ 74, 42.167,
103.189

■ 73, 50.851,
102.225

■ 75, 33.031,
104.196

■ 73, 58.777,
101.321

■ 75, 23.636,
105.216

■ 73, 65.518,
100.507

■ 76, 14.107,
106.235

■ 72, 70.558, 99.809

■ 77, 4.522, 107.231

■ 72, 73.473, 99.239

■ 77, 5.071, 288.251

■ 72, 74.444, 98.971

■ 78, 14.642,
289.194

■ 79, 24.171,

290.109

■ 80, 32.520,
290.807

■ 80, 31.904,
290.064

Harmonies

Complementary

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



74, 42.167, 103.189



49, 46.838, 294.146

Rectangle

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



74, 42.167, 103.189



74, 42.167, 153.189



74, 42.167, 283.189



74, 42.167, 333.189

Sweetspot

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



74, 42.168, 103.192



96, 15.431, 106.388



54, 36.442, 19.141



52, 10.883, 106.162



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



74, 42.168, 103.192



93, 62.132, 102.211



73, 47.124, 124.547



40, 5.400, 106.776



61, 64.996, 99.027



10, 15.660, 104.374

Inverse Universe

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



49, 46.838, 294.146



56, 71.493, 296.288



51, 50.829, 309.217



37, 5.505, 288.721



19, 90.778, 305.437



1, 16.695, 288.966

Previews

White Background



This preview shows how the CIELCh color 74, 42.167, 103.189 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 74, 42.167, 103.189 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 74, 42.167, 103.189

Background



This preview shows how black text looks on a background with the CIELCh color 74, 42.167, 103.189.



This preview shows how white text looks on a background with the CIELCh color 74, 42.167, 103.189.

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

74, 42.167, 103.189

Protanopia

74, 42.000, 95.523

Deuteranopia

74, 41.255, 77.058



Tritanopia
74, 11.748, 340.321

Trichromacy



Original Color
74, 42.167, 103.189

Protanomaly
74, 42.083, 98.494

Deuteranomaly
74, 40.461, 86.481

Tritanomaly
74, 13.193, 78.414

Monochromacy



Original Color
74, 42.167, 103.189

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 15.661, 105.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 42.167, 103.189 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, 185, 105)` looks like.

```
.text, #text, p{  
    color:rgb(190, 185, 105)  
}
```

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, 185, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 185, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 42.167, 103.189 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, 185, 105) }
```

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

```
.border{ border-color:rgb(190, 185, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 185, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 185, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 185, 105);  
box-shadow:4px 4px 4px 4px rgb(190, 185,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 42.167, 103.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 185, 105) }
```

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

```
.background{ background-color: rgb(190,  
185, 105) }
```

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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