

Converting Colors

CIELCh(77, 41.007, 108.896)

Have a look what the booklet for
CIELCh(77, 41.007, 108.896)
contains.

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Color

CIELCh(77, 40.841, 108.690)

Conversions

Conversions Part 1

Format	Color
Hex	BFC375
RGB	191, 195, 117
RGB Percent	75%, 76%, 46%
CMY	0.2500, 0.2344, 0.5403
CMYK	0.02, 0.00, 0.40, 0.23
HSL	63°, 39%, 61%
HSV	63°, 40%, 77%
XYZ	44.3370, 51.5317, 24.5068
YIQ	184.9120, 22.6540, -25.1060

Conversions

Conversions Part 2

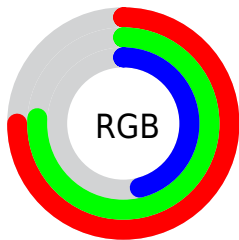
Format	Color
RYB	117, 195, 121
Decimal	12567413
CIELab	77.00, -13.09, 38.69
CIElCh	77, 40.841, 108.690
Yxy	51.5317, 0.3683, 0.4281
Android (android.graphics.Color)	4290757493 (0xFFBFC375)
YUV	184.9120, -33.4806, 5.3392
Hunter-Lab	71.7856, -15.3777, 30.0090

Details

The CIELCh color $77, 40.841, 108.690$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $53, 45.232, 297.010$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 40.712, 108.679$, and $57, 40.500, 108.554$ is the 20% darker color. If you saturate the color by 10%, you get $77, 50.348, 107.882$, and if you desaturate by 10%, it is $77, 30.902, 109.553$.

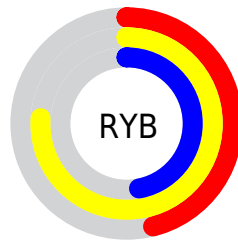
Distribution



Red (75%)

Green (76%)

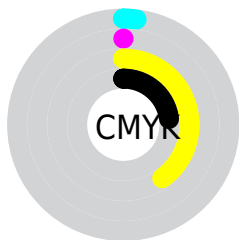
Blue (46%)



Red (46%)

Yellow (76%)

Blue (47%)

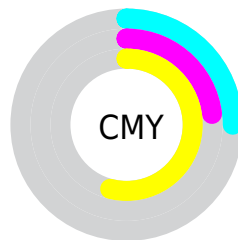


Cyan (2%)

Magenta (0%)

Yellow (40%)

Black (23%)



Cyan (25%)

Magenta (23%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 40.841, 108.690 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 77, 40.841, 108.690 by changing the saturation by 10% instead.


 77, 40.841,
108.690

 77, 40.841,
108.690


 100, 40.841,
108.690


 67, 40.841,
108.690


 97, 40.841,
108.690

 57, 40.841,
108.690

 47, 40.841,
108.690

 37, 40.841,
108.690

 27, 40.841,
108.690

 17, 40.841,
108.690

 7, 40.841, 108.690

0, 40.841, 108.690

77, 40.841,
108.690

77, 40.841,
108.690

77, 50.348,
107.882

77, 30.902,
109.553

76, 59.150,
107.157

78, 20.703,
110.437

76, 66.869,
106.563

78, 10.360,
111.321

76, 73.027,
106.155

79, 0.051, 293.065

76, 77.174,
105.981

80, 10.480,
293.056

76, 79.422,
106.027

80, 20.894,
293.875

■ 76, 79.430,
106.027

■ 81, 31.267,
294.660

■ 81, 31.871,
295.250

■ 81, 31.889,
295.831

Harmonies

Complementary

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



77, 40.841, 108.690



53, 45.232, 297.010

Rectangle

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



77, 40.841, 108.690



77, 40.841, 158.690



77, 40.841, 288.690



77, 40.841, 338.690

Sweetspot

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



77, 40.842, 108.693



99, 15.497, 111.125



59, 31.904, 26.796



53, 10.276, 111.007



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 40.842, 108.693



97, 60.204, 107.975



74, 44.561, 128.955



41, 5.862, 111.373



63, 68.737, 105.982



12, 18.662, 109.857

Inverse Universe

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



53, 45.232, 297.010



61, 68.705, 298.497



56, 46.853, 312.661



37, 5.991, 293.074



18, 94.446, 306.466



1, 19.496, 292.523

Previews

White Background



This preview shows how the CIELCh color 77, 40.841, 108.690 looks on a white background.

Color Contrast Check

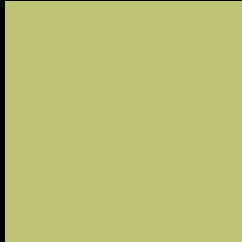
Large Text (above 18pt) WCAG AA × Fail

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 77, 40.841, 108.690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

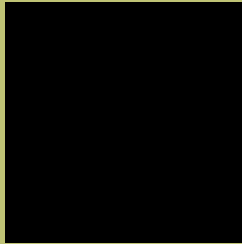
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 40.841, 108.690

Background



This preview shows how black text looks on a background with the CIELCh color 77, 40.841, 108.690.



This preview shows how white text looks on a background with the CIELCh color 77, 40.841, 108.690.

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
77, 40.841, 108.690

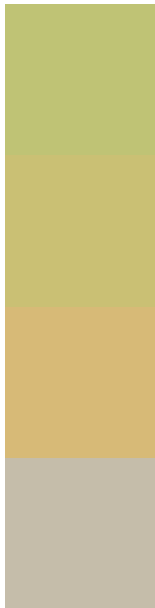
Protanopia
77, 40.248, 95.521

Deuteranopia
77, 38.876, 75.257



Tritanopia
77, 10.007, 326.584

Trichromacy



Original Color
77, 40.841, 108.690

Protanomaly
77, 40.136, 100.394

Deuteranomaly
77, 37.738, 87.764

Tritanomaly
77, 10.613, 92.285

Monochromacy



Original Color
77, 40.841, 108.690

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 15.536, 111.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 40.841, 108.690 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(191, 195, 117)` looks like.

```
.text, #text, p{  
    color:rgb(191, 195, 117)  
}
```

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(191, 195, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 195, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 40.841, 108.690 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(191, 195, 117) }
```

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

```
.border{ border-color:rgb(191, 195, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 195, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 195, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 195, 117); box-shadow:4px 4px 4px 4px rgb(191, 195, 117) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 40.841, 108.690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 195, 117) }
```

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

```
.background{ background-color: rgb(191,  
195, 117) }
```

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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