

Converting Colors

CIELCh(77, 41.664, 109.089)

Have a look what the booklet for
CIELCh(77, 41.664, 109.089)
contains.

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Color

CIELCh(77, 41.339, 108.618)

Conversions

Conversions Part 1

Format	Color
Hex	BFC374
RGB	191, 195, 116
RGB Percent	75%, 76%, 45%
CMY	0.2499, 0.2342, 0.5441
CMYK	0.02, 0.00, 0.40, 0.23
HSL	63°, 40%, 61%
HSV	63°, 40%, 77%
XYZ	44.2992, 51.5317, 24.2129
YIQ	184.7980, 22.9750, -25.4170

Conversions

Conversions Part 2

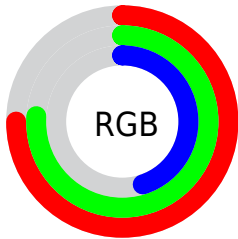
Format	Color
RYB	116, 195, 120
Decimal	12567412
CIELab	77.00, -13.20, 39.18
CIELCh	77, 41.339, 108.618
Yxy	51.5317, 0.3690, 0.4293
Android (android.graphics.Color)	4290757492 (0xFFBFC374)
YUV	184.7980, -33.9174, 5.4392
Hunter-Lab	71.7856, -15.4718, 30.2517

Details

The CIELCh color $77, 41.339, 108.618$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $52, 45.859, 297.072$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 41.200, 108.623$, and $57, 40.993, 108.461$ is the 20% darker color. If you saturate the color by 10%, you get $77, 50.819, 107.812$, and if you desaturate by 10%, it is $77, 31.415, 109.481$.

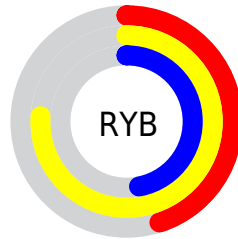
Distribution



Red (75%)

Green (76%)

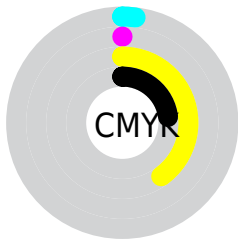
Blue (45%)



Red (45%)

Yellow (76%)

Blue (47%)

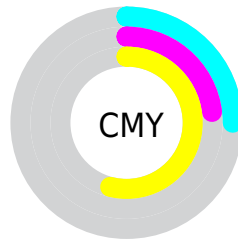


Cyan (2%)

Magenta (0%)

Yellow (40%)

Black (23%)



Cyan (25%)


Magenta (23%)


Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 41.339, 108.618 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, 41.339, 108.618 by changing the saturation by 10% instead.


 77, 41.339,
108.618


 77, 41.339,
108.618


 100, 41.339,
108.618

 67, 41.339,
108.618


 97, 41.339,
108.618

 57, 41.339,
108.618

 47, 41.339,
108.618

 37, 41.339,
108.618

 27, 41.339,
108.618

 17, 41.339,
108.618

 7, 41.339, 108.618

0, 41.339, 108.618

77, 41.339,
108.618

77, 41.339,
108.618

77, 50.819,
107.812

77, 31.415,
109.481

76, 59.577,
107.091

78, 21.225,
110.364

76, 67.230,
106.505

78, 10.886,
111.250

76, 73.297,
106.105

79, 0.476, 112.037

76, 77.334,
105.942

79, 9.955, 292.989

76, 79.438,
105.987

80, 20.372,
293.811

81, 30.749,

294.599

■ 81, 31.848,
295.192

■ 81, 31.865,
295.765

Harmonies

Complementary

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



77, 41.339, 108.618



52, 45.859, 297.072

Rectangle

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



77, 41.339, 108.618



77, 41.339, 158.618



77, 41.339, 288.618



77, 41.339, 338.618

Sweetspot

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



77, 41.340, 108.621



99, 15.497, 111.098



58, 32.372, 26.861



53, 10.276, 110.980



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, 41.340, 108.621



97, 61.352, 107.865



74, 45.114, 128.931



41, 5.861, 111.347



63, 68.734, 105.943



12, 18.661, 109.817

Inverse Universe

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



52, 45.859, 297.072



60, 70.276, 298.661



56, 47.468, 312.686



37, 5.990, 293.050



18, 94.450, 306.464



1, 19.496, 292.505

Previews

White Background



This preview shows how the CIELCh color 77, 41.339, 108.618 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, 41.339, 108.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

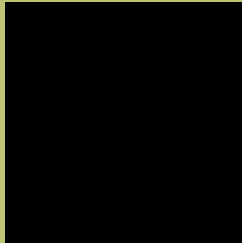
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 41.339, 108.618

Background



This preview shows how black text looks on a background with the CIELCh color 77, 41.339, 108.618.



This preview shows how white text looks on a background with the CIELCh color 77, 41.339, 108.618.

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, 41.339, 108.618

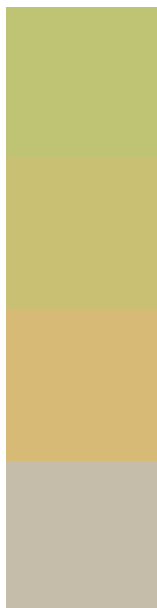
Protanopia
77, 40.745, 95.595

Deuteranopia
77, 39.334, 75.575



Tritanopia
77, 10.007, 326.584

Trichromacy



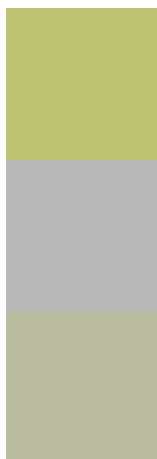
Original Color
77, 41.339, 108.618

Protanomaly
77, 40.636, 100.413

Deuteranomaly
77, 38.229, 87.944

Tritanomaly
77, 10.613, 92.285

Monochromacy



Original Color
77, 41.339, 108.618

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, 41.339, 108.618 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(191, 195, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 195, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 41.339, 108.618 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, 116) }
```

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

```
.border{ border-color:rgb(191, 195, 116) }
```

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, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 195, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 195, 116);  
box-shadow:4px 4px 4px 4px rgb(191, 195,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 41.339, 108.618 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, 116) }
```

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

```
.background{ background-color: rgb(191,  
195, 116) }
```

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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