

Converting Colors

CIELCh(77, 42.264, 106.314)

Have a look what the booklet for
CIELCh(77, 42.264, 106.314)
contains.

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Color

CIELCh(77, 42.299, 106.783)

Conversions

Conversions Part 1

Format	Color
Hex	C2C372
RGB	194, 195, 114
RGB Percent	76%, 76%, 45%
CMY	0.2404, 0.2365, 0.5540
CMYK	0.01, 0.00, 0.42, 0.24
HSL	61°, 40%, 60%
HSV	61°, 42%, 76%
XYZ	44.6374, 51.5317, 23.4292
YIQ	185.4670, 25.4050, -25.4030

Conversions

Conversions Part 2

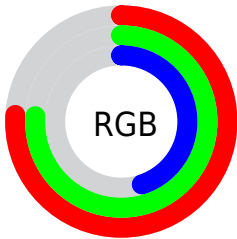
Format	Color
RYB	114, 195, 115
Decimal	12764018
CIELab	77.00, -12.21, 40.50
CIELCh	77, 42.299, 106.783
Yxy	51.5317, 0.3732, 0.4309
Android (android.graphics.Color)	4290954098 (0xFFC2C372)
YUV	185.4670, -35.2332, 7.4834
Hunter-Lab	71.7856, -14.6308, 30.8990

Details

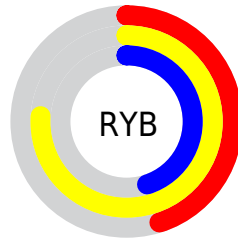
The CIELCh color **77, 42.299, 106.783** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **51, 47.127, 296.156**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 42.157, 106.387**, and **57, 41.919, 106.432** is the 20% darker color. If you saturate the color by 10%, you get **77, 51.683, 105.925**, and if you desaturate by 10%, it is **77, 32.446, 107.699**.

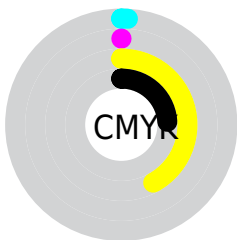
Distribution



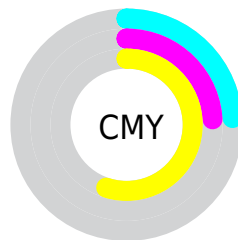
- Red (76%)
- Green (76%)
- Blue (45%)



- Red (45%)
- Yellow (76%)
- Blue (45%)



- Cyan (1%)
- Magenta (0%)
- Yellow (42%)
- Black (24%)



- Cyan (24%)
- Magenta (24%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 42.299, 106.783 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, 42.299, 106.783 by changing the saturation by 10% instead.

 77, 42.299,
106.783

 77, 42.299,
106.783

 100, 42.299,
106.783


 67, 42.299,
106.783

 97, 42.299,
106.783

 57, 42.299,
106.783

 47, 42.299,
106.783

 37, 42.299,
106.783

 27, 42.299,
106.783

 17, 42.299,
106.783

 7, 42.299, 106.783

■ 0, 42.299, 106.783

■ 77, 42.299,
106.783

■ 77, 42.299,
106.783

■ 77, 51.683,
105.925

■ 77, 32.446,
107.699

■ 77, 60.309,
105.149

■ 78, 22.310,
108.637

■ 76, 67.775,
104.497

■ 78, 12.017,
109.581

■ 76, 73.598,
104.014

■ 79, 1.646, 110.487

■ 76, 77.355,
103.733

■ 79, 8.750, 291.446

■ 76, 79.118,
103.630

■ 80, 19.136,
292.331

■ 80, 29.488,

293.183

■ 81, 32.134,
293.499

■ 81, 32.136,
293.638

Harmonies

Complementary

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



77, 42.299, 106.783



51, 47.127, 296.156

Rectangle

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



77, 42.299, 106.783



77, 42.299, 156.783



77, 42.299, 286.783



77, 42.299, 336.783

Sweetspot

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



77, 42.300, 106.786



98, 15.357, 109.525



57, 34.777, 23.531



53, 10.266, 109.399



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, 42.300, 106.786



97, 61.938, 105.992



74, 45.597, 127.131



41, 5.856, 109.790



64, 68.611, 103.619



12, 18.622, 107.484

Inverse Universe

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



51, 47.127, 296.156



59, 71.294, 297.889



55, 48.411, 311.147



37, 5.985, 291.612



18, 94.655, 306.331



1, 19.482, 291.473

Previews

White Background



This preview shows how the CIELCh color 77, 42.299, 106.783 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, 42.299, 106.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

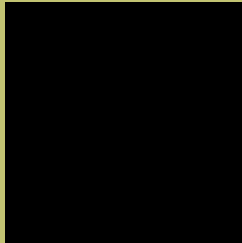
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 42.299, 106.783

Background



This preview shows how black text looks on a background with the CIELCh color 77, 42.299, 106.783.



This preview shows how white text looks on a background with the CIELCh color 77, 42.299, 106.783.

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, 42.299, 106.783

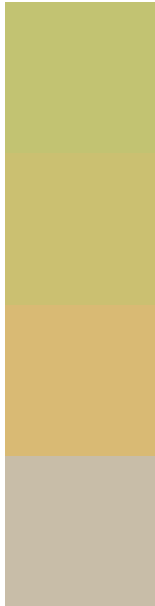
Protanopia
77, 41.735, 95.733

Deuteranopia
77, 40.494, 75.677



Tritanopia
77, 10.051, 331.845

Trichromacy



Original Color
77, 42.299, 106.783

Protanomaly
77, 41.682, 99.868

Deuteranomaly
77, 39.514, 87.116

Tritanomaly
77, 12.010, 88.256

Monochromacy



Original Color
77, 42.299, 106.783

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 16.049, 110.053

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 42.299, 106.783 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(194, 195, 114)` looks like.

```
.text, #text, p{  
    color:rgb(194, 195, 114)  
}
```

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(194, 195, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 195, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 42.299, 106.783 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(194, 195, 114) }
```

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

```
.border{ border-color:rgb(194, 195, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 195, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 195, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 195, 114);  
box-shadow:4px 4px 4px 4px rgb(194, 195,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 42.299, 106.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 195, 114) }
```

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

```
.background{ background-color: rgb(194,  
195, 114) }
```

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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