

Converting Colors

CIELCh(77, 52.718, 112.207)

Have a look what the booklet for
CIELCh(77, 52.718, 112.207)
contains.

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Color

CIELCh(77, 52.718, 112.207)

Conversions

Conversions Part 1

Format	Color
Hex	B7C660
RGB	183, 198, 96
RGB Percent	72%, 78%, 38%
CMY	0.2808, 0.2220, 0.6221
CMYK	0.08, 0.00, 0.51, 0.22
HSL	69°, 47%, 58%
HSV	69°, 51%, 78%
XYZ	42.0328, 51.5317, 18.8855
YIQ	181.8870, 23.8020, -34.9020

Conversions

Conversions Part 2

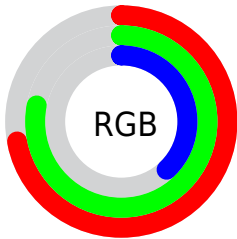
Format	Color
RYB	96, 198, 111
Decimal	12043872
CIELab	77.00, -19.92, 48.81
CIELCh	77, 52.718, 112.207
Yxy	51.5317, 0.3738, 0.4583
Android (android.graphics.Color)	4290233952 (0xFFB7C660)
YUV	181.8870, -42.3423, 0.9761
Hunter-Lab	71.7856, -21.1073, 34.6518

Details

The CIELCh color **77, 52.718, 112.207** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **47, 60.333, 301.460**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 52.896, 112.152**, and **57, 52.685, 112.020** is the 20% darker color. If you saturate the color by 10%, you get **77, 61.591, 111.658**, and if you desaturate by 10%, it is **77, 43.097, 112.870**.

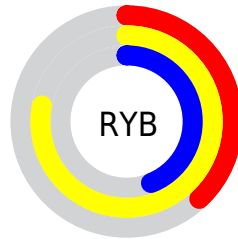
Distribution



Red (72%)

Green (78%)

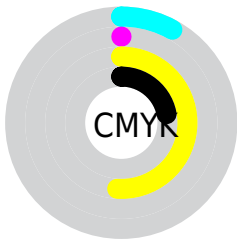
Blue (38%)



Red (38%)

Yellow (78%)

Blue (44%)

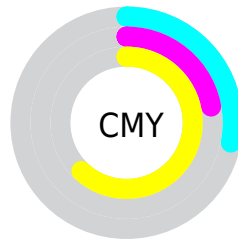


Cyan (8%)

Magenta (0%)

Yellow (51%)

Black (22%)



Cyan (28%)

Magenta (22%)

Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 52.718, 112.207 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, 52.718, 112.207 by changing the saturation by 10% instead.

 77, 52.718,
112.207

 77, 52.718,
112.207


 100, 52.718,
112.207


 67, 52.718,
112.207


 97, 52.718,
112.207

 57, 52.718,
112.207

 47, 52.718,
112.207

 37, 52.718,
112.207

 27, 52.718,
112.207

 17, 52.718,
112.207

 7, 52.718, 112.207

0, 52.718, 112.207

77, 52.718,
112.207

77, 52.718,
112.207

77, 61.591,
111.658

77, 43.097,
112.870

76, 69.315,
111.281

78, 33.005,
113.592

76, 75.405,
111.155

79, 22.634,
114.341

76, 79.428,
111.356

79, 12.106,
115.095

75, 81.416,
111.762

80, 1.505, 115.832

81, 9.115, 296.557

82, 19.714,

297.245

■ 82, 30.222,
297.903

■ 83, 30.328,
299.710

Harmonies

Complementary

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



77, 52.718, 112.207



47, 60.333, 301.460

Rectangle

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



77, 52.718, 112.207



77, 52.718, 162.207



77, 52.718, 292.207



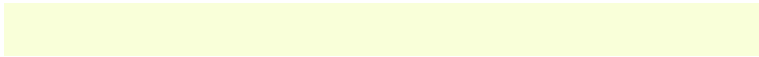
77, 52.718, 342.207

Sweetspot

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



77, 52.719, 112.209



99, 19.469, 114.810



56, 40.713, 34.497



53, 13.274, 114.648



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, 52.719, 112.209



96, 75.903, 111.589



74, 58.806, 131.144



42, 6.022, 115.248



63, 70.406, 111.642



13, 20.565, 114.621

Inverse Universe

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



47, 60.333, 301.460



52, 90.598, 303.148



52, 61.781, 315.782



38, 6.151, 296.677



19, 94.868, 306.919



1, 21.606, 295.617

Previews

White Background



This preview shows how the CIELCh color 77, 52.718, 112.207 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, 52.718, 112.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

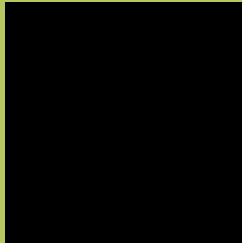
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 52.718, 112.207

Background



This preview shows how black text looks on a background with the CIELCh color 77, 52.718, 112.207.



This preview shows how white text looks on a background with the CIELCh color 77, 52.718, 112.207.

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, 52.718, 112.207

Protanopia
77, 50.575, 95.598

Deuteranopia
77, 48.498, 78.225



Tritanopia
77, 8.608, 310.528

Trichromacy



Original Color
77, 52.718, 112.207

Protanomaly
77, 50.688, 102.014

Deuteranomaly
77, 47.736, 91.063

Tritanomaly
77, 14.415, 108.823

Monochromacy



Original Color
77, 52.718, 112.207

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 19.894, 113.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 52.718, 112.207 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(183, 198, 96)` looks like.

```
.text, #text, p{  
    color:rgb(183, 198, 96)  
}
```

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(183, 198, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 198, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 52.718, 112.207 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(183, 198, 96) }
```

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

```
.border{ border-color:rgb(183, 198, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 198, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 198, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 198, 96);  
box-shadow:4px 4px 4px 4px rgb(183, 198,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 52.718, 112.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 198, 96) }
```

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

```
.background{ background-color: rgb(183,  
198, 96) }
```

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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