

Converting Colors

CIELCh(77, 39.895, 106.459)

Have a look what the booklet for
CIELCh(77, 39.895, 106.459)
contains.

CIELCh(77, 39.833, 106.436)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 39.833, 106.436)

Conversions

Conversions Part 1

Format	Color
Hex	C2C276
RGB	194, 194, 118
RGB Percent	76%, 76%, 46%
CMY	0.2381, 0.2381, 0.5362
CMYK	0.00, 0.00, 0.39, 0.24
HSL	60°, 39%, 61%
HSV	60°, 39%, 76%
XYZ	44.9632, 51.5317, 24.7993
YIQ	185.3360, 24.3960, -23.6360

Conversions

Conversions Part 2

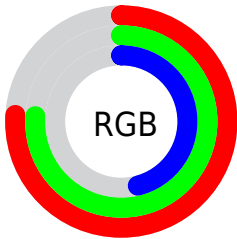
Format	Color
RYB	118, 194, 118
Decimal	12763766
CIELab	77.00, -11.27, 38.21
CIELCh	77, 39.833, 106.436
Yxy	51.5317, 0.3707, 0.4248
Android (android.graphics.Color)	4290953846 (0xFFC2C276)
YUV	185.3360, -33.1966, 7.5983
Hunter-Lab	71.7856, -13.8207, 29.7674

Details

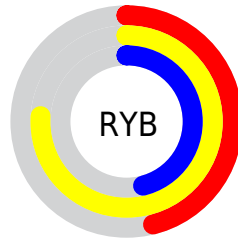
The CIELCh color $77, 39.833, 106.436$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $53, 44.024, 295.355$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 39.744, 105.973$, and $57, 39.948, 106.720$ is the 20% darker color. If you saturate the color by 10%, you get $77, 49.341, 105.543$, and if you desaturate by 10%, it is $77, 29.912, 107.379$.

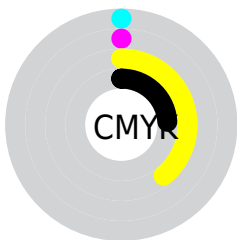
Distribution



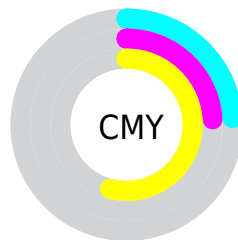
- Red (76%)
- Green (76%)
- Blue (46%)



- Red (46%)
- Yellow (76%)
- Blue (46%)



- Cyan (0%)
- Magenta (0%)
- Yellow (39%)
- Black (24%)



- Cyan (24%)
- Magenta (24%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 39.833, 106.436 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, 39.833, 106.436 by changing the saturation by 10% instead.


 77, 39.833,
106.436


 77, 39.833,
106.436


 100, 39.833,
106.436


 67, 39.833,
106.436


 97, 39.833,
106.436

 57, 39.833,
106.436

 47, 39.833,
106.436

 37, 39.833,
106.436

 27, 39.833,
106.436

 17, 39.833,
106.436

 7, 39.833, 106.436

0, 39.833, 106.436

77, 39.833,
106.436

77, 39.833,
106.436

77, 49.341,
105.543

77, 29.912,
107.379

77, 58.171,
104.721

78, 19.747,
108.340

76, 65.953,
104.008

78, 9.447, 109.301

76, 72.214,
103.446

79, 0.914, 290.329


76, 76.498,
103.068

79, 11.291,
291.196


76, 78.805,
102.866


80, 21.652,
292.094

80, 31.973,

 76, 78.978,
102.851

292.958

 80, 32.360,
292.990

 80, 32.360,
292.989

Harmonies

Complementary

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



77, 39.833, 106.436



53, 44.024, 295.355

Rectangle

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



77, 39.833, 106.436



77, 39.833, 156.436



77, 39.833, 286.436



77, 39.833, 336.436

Sweetspot

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



77, 39.834, 106.439



98, 15.355, 109.008



58, 32.265, 21.904



53, 10.265, 108.880



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, 39.834, 106.439



97, 58.518, 105.664



74, 42.719, 126.646



41, 5.855, 109.278



64, 68.599, 102.851



12, 18.617, 106.714

Inverse Universe

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



53, 44.024, 295.355



61, 66.612, 296.970



56, 45.279, 310.477



37, 5.984, 291.141



18, 94.723, 306.287



1, 19.479, 291.134

Previews

White Background



This preview shows how the CIELCh color 77, 39.833, 106.436 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, 39.833, 106.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

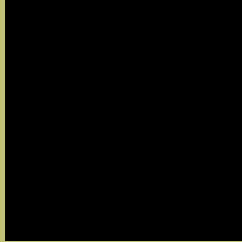
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 39.833, 106.436

Background



This preview shows how black text looks on a background with the CIELCh color 77, 39.833, 106.436.

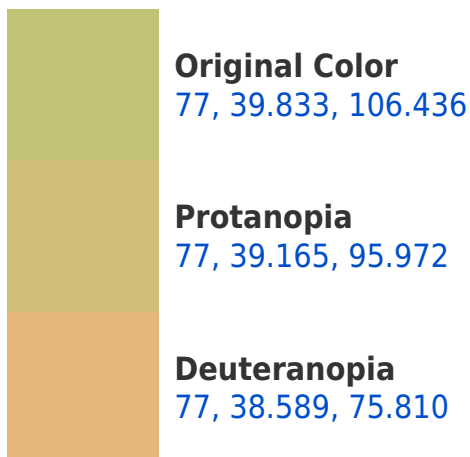


This preview shows how white text looks on a background with the CIELCh color 77, 39.833, 106.436.

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





Tritanopia
77, 10.298, 333.417

Trichromacy



Original Color
77, 39.833, 106.436

Protanomaly
77, 39.635, 100.372

Deuteranomaly
77, 37.402, 86.966

Tritanomaly
77, 10.691, 83.487

Monochromacy



Original Color
77, 39.833, 106.436

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 14.976, 108.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 39.833, 106.436 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, 194, 118)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 118)  
}
```

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, 194, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 39.833, 106.436 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, 194, 118) }
```

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

```
.border{ border-color:rgb(194, 194, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 194, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 118);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 39.833, 106.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 194, 118) }
```

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

```
.background{ background-color: rgb(194,  
194, 118) }
```

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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