

Converting Colors

CIELCh(77, 40.337, 105.796)

Have a look what the booklet for
CIELCh(77, 40.337, 105.796)
contains.

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Color

CIELCh(77, 40.337, 105.796)

Conversions

Conversions Part 1

Format	Color
Hex	C3C275
RGB	195, 194, 117
RGB Percent	76%, 76%, 46%
CMY	0.2349, 0.2388, 0.5408
CMYK	0.00, 0.01, 0.40, 0.23
HSL	59°, 39%, 61%
HSV	59°, 40%, 77%
XYZ	45.0637, 51.5317, 24.4305
YIQ	185.5210, 25.3130, -23.7350

Conversions

Conversions Part 2

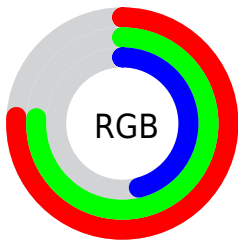
Format	Color
RYB	118, 195, 117
Decimal	12829301
CIELab	77.00, -10.98, 38.81
CIELCh	77, 40.337, 105.796
Yxy	51.5317, 0.3723, 0.4258
Android (android.graphics.Color)	4291019381 (0xFFC3C275)
YUV	185.5210, -33.7809, 8.3131
Hunter-Lab	71.7856, -13.5706, 30.0720

Details

The CIELCh color **77, 40.337, 105.796** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **53, 44.598, 295.041**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 40.244, 105.390**, and **57, 40.438, 106.008** is the 20% darker color. If you saturate the color by 10%, you get **77, 49.747, 104.887**, and if you desaturate by 10%, it is **77, 30.511, 106.753**.

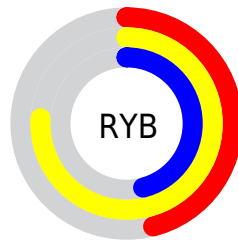
Distribution



Red (76%)

Green (76%)

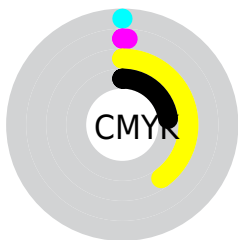
Blue (46%)



Red (46%)

Yellow (76%)

Blue (46%)

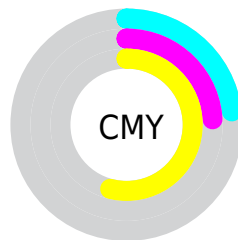


Cyan (0%)

Magenta (1%)

Yellow (40%)

Black (23%)



Cyan (23%)


Magenta (24%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 40.337, 105.796 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, 40.337, 105.796 by changing the saturation by 10% instead.


 77, 40.337,
105.796


 77, 40.337,
105.796


 100, 40.337,
105.796


 67, 40.337,
105.796


 97, 40.337,
105.796

 57, 40.337,
105.796

 47, 40.337,
105.796

 37, 40.337,
105.796

 27, 40.337,
105.796

 17, 40.337,
105.796

 7, 40.337, 105.796

0, 40.337, 105.796

77, 40.337,
105.796

77, 40.337,
105.796

77, 49.747,
104.887

77, 30.511,
106.753

76, 58.468,
104.046

78, 20.439,
107.726

76, 66.119,
103.311

78, 10.235,
108.699

76, 72.217,
102.720

79, 0.028, 292.117

76, 76.298,
102.304

79, 10.304,
290.618

76, 78.469,
102.045

80, 20.561,
291.525

■ 76, 78.472,
102.045

■ 81, 30.779,
292.399

■ 81, 31.343,
292.307

■ 81, 31.204,
292.144

Harmonies

Complementary

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



77, 40.337, 105.796



53, 44.598, 295.041

Rectangle

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



77, 40.337, 105.796



77, 40.337, 155.796



77, 40.337, 285.796



77, 40.337, 335.796

Sweetspot

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



77, 40.338, 105.799



98, 15.163, 108.486



58, 33.174, 22.043



53, 10.137, 108.356



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, 40.338, 105.799



97, 59.010, 104.997



75, 43.771, 126.605



41, 5.781, 108.759



64, 67.956, 102.056



12, 18.333, 106.051

Inverse Universe

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



53, 44.598, 295.041



60, 67.225, 296.719



56, 46.462, 310.525



37, 5.906, 290.640



18, 94.094, 306.105



1, 19.300, 290.800

Previews

White Background



This preview shows how the CIELCh color 77, 40.337, 105.796 looks on a white background.

Color Contrast Check

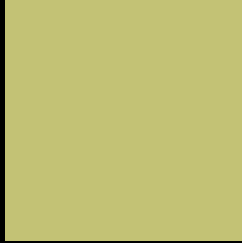
Large Text (above 18pt) WCAG AA × Fail

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, 40.337, 105.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

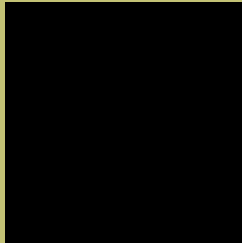
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 40.337, 105.796

Background



This preview shows how black text looks on a background with the CIELCh color 77, 40.337, 105.796.



This preview shows how white text looks on a background with the CIELCh color 77, 40.337, 105.796.

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, 40.337, 105.796

Protanopia
77, 39.751, 95.444

Deuteranopia
77, 39.049, 76.125



Tritanopia
77, 10.946, 332.945

Trichromacy



Original Color
77, 40.337, 105.796

Protanomaly
77, 39.774, 99.141

Deuteranomaly
77, 38.050, 86.558

Tritanomaly
77, 11.349, 82.793

Monochromacy



Original Color
77, 40.337, 105.796

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, 40.337, 105.796 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(195, 194, 117)` looks like.

```
.text, #text, p{  
    color:rgb(195, 194, 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(195, 194, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 194, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 40.337, 105.796 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(195, 194, 117) }
```

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

```
.border{ border-color:rgb(195, 194, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 194, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 194, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 194, 117);  
box-shadow:4px 4px 4px 4px rgb(195, 194,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 40.337, 105.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 194, 117) }
```

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

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