

Converting Colors

CIELCh(77, 36.383, 119.199)

Have a look what the booklet for
CIELCh(77, 36.383, 119.199)
contains.

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Color

CIELCh(77, 36.565, 118.978)

Conversions

Conversions Part 1

Format	Color
Hex	B3C682
RGB	179, 198, 130
RGB Percent	70%, 78%, 51%
CMY	0.2984, 0.2238, 0.4905
CMYK	0.10, 0.00, 0.34, 0.22
HSL	77°, 37%, 64%
HSV	77°, 34%, 78%
XYZ	42.7687, 51.5317, 28.7829
YIQ	184.5670, 10.5040, -25.1760

Conversions

Conversions Part 2

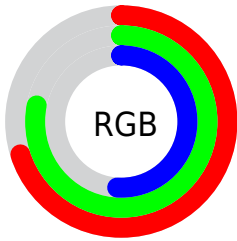
Format	Color
RYB	130, 198, 149
Decimal	11781762
CIELab	77.00, -17.71, 31.99
CIELCh	77, 36.565, 118.978
Yxy	51.5317, 0.3475, 0.4187
Android (android.graphics.Color)	4289971842 (0xFFB3C682)
YUV	184.5670, -26.9015, -4.8823
Hunter-Lab	71.7856, -19.2775, 26.4772

Details

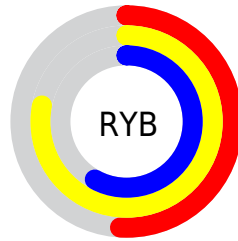
The CIELCh color **77, 36.565, 118.978** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58, 39.291, 303.517**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 36.559, 119.431**, and **57, 36.299, 119.196** is the 20% darker color. If you saturate the color by 10%, you get **76, 46.749, 118.420**, and if you desaturate by 10%, it is **78, 26.074, 119.578**.

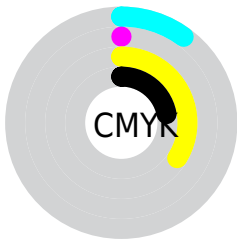
Distribution



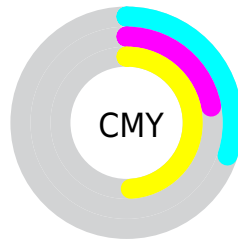
- Red (70%)
- Green (78%)
- Blue (51%)



- Red (51%)
- Yellow (78%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (34%)
- Black (22%)




- Cyan (30%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 36.565, 118.978 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, 36.565, 118.978 by changing the saturation by 10% instead.

 77, 36.565,
118.978

 77, 36.565,
118.978


 100, 36.565,
118.978


 67, 36.565,
118.978


 97, 36.565,
118.978

 57, 36.565,
118.978

 47, 36.565,
118.978

 37, 36.565,
118.978

 27, 36.565,
118.978

 17, 36.565,
118.978

 7, 36.565, 118.978

■ 0, 36.565, 118.978

■ 77, 36.565,
118.978

■ 77, 36.565,
118.978

■ 76, 46.749,
118.420

■ 78, 26.074,
119.578

■ 76, 56.414,
117.940

■ 79, 15.412,
120.184

■ 75, 65.253,
117.606

■ 79, 4.675, 120.784

■ 75, 72.849,
117.507

■ 80, 6.074, 301.341


■ 74, 78.720,
117.749

■ 81, 16.787,
301.887


■ 74, 82.499,
118.425


■ 82, 27.432,
302.397

■ 83, 31.053,

 74, 83.976,
118.937

304.846

 84, 31.484,
308.181

 84, 32.014,
311.452

Harmonies

Complementary

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



77, 36.565, 118.978



58, 39.291, 303.517

Rectangle

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



77, 36.565, 118.978



77, 36.565, 168.978



77, 36.565, 298.978



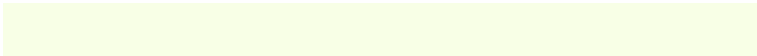
77, 36.565, 348.978

Sweetspot

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



77, 36.567, 118.980



99, 13.192, 120.437



66, 23.472, 46.052



53, 9.000, 120.352



0, 0.000, 0.000



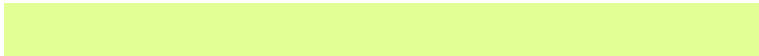
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 36.567, 118.980



96, 53.249, 118.567



75, 41.426, 136.026



42, 6.114, 120.483



62, 72.694, 118.743



12, 21.220, 121.742

Inverse Universe

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



58, 39.291, 303.517



69, 58.279, 304.177



62, 42.199, 319.288



39, 6.232, 301.600



21, 93.210, 308.151



2, 21.777, 299.063

Previews

White Background



This preview shows how the CIELCh color 77, 36.565, 118.978 looks on a white background.

Color Contrast Check

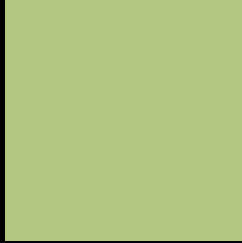
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 77, 36.565, 118.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

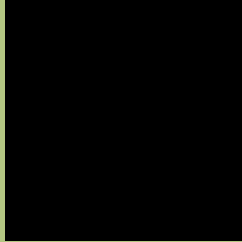
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 36.565, 118.978

Background



This preview shows how black text looks on a background with the CIELCh color 77, 36.565, 118.978.



This preview shows how white text looks on a background with the CIELCh color 77, 36.565, 118.978.

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, 36.565, 118.978

Protanopia
77, 34.038, 95.725

Deuteranopia
77, 32.366, 72.962



Tritanopia
77, 8.062, 290.927

Trichromacy



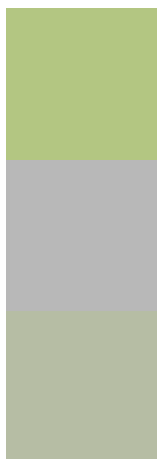
Original Color
77, 36.565, 118.978

Protanomaly
77, 34.303, 104.885

Deuteranomaly
77, 31.082, 91.061

Tritanomaly
77, 8.469, 127.557

Monochromacy



Original Color
77, 36.565, 118.978

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 13.680, 120.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 36.565, 118.978 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(179, 198, 130)` looks like.

```
.text, #text, p{  
    color:rgb(179, 198, 130)  
}
```

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(179, 198, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 198, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 36.565, 118.978 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(179, 198, 130) }
```

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

```
.border{ border-color:rgb(179, 198, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 198, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 198, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 198, 130);  
box-shadow:4px 4px 4px 4px rgb(179, 198,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 36.565, 118.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 198, 130) }
```

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

```
.background{ background-color: rgb(179,  
198, 130) }
```

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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