

Converting Colors

CIELCh(78, 53.703, 106.114)

Have a look what the booklet for
CIELCh(78, 53.703, 106.114)
contains.

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Color

CIELCh(78, 53.699, 105.661)

Conversions

Conversions Part 1

Format	Color
Hex	C5C65D
RGB	197, 198, 93
RGB Percent	77%, 78%, 36%
CMY	0.2264, 0.2225, 0.6343
CMYK	0.01, 0.00, 0.53, 0.22
HSL	61°, 48%, 57%
HSV	61°, 53%, 78%
XYZ	45.3399, 53.2120, 18.2956
YIQ	185.7310, 33.1090, -32.8670

Conversions

Conversions Part 2

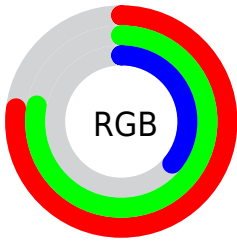
Format	Color
R_{YB}	93, 198, 94
Decimal	12961373
CIE _{Lab}	78.00, -14.50, 51.71
CIE _{LCh}	78, 53.699, 105.661
Yxy	53.2120, 0.3880, 0.4554
Android (android.graphics.Color)	4291151453 (0xFFC5C65D)
YUV	185.7310, -45.7164, 9.8829
Hunter-Lab	72.9466, -16.7098, 36.1922

Details

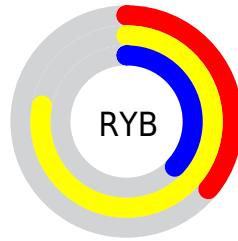
The CIELCh color **78, 53.699, 105.661** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **45, 62.352, 298.270**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 53.989, 106.046**, and **58, 53.695, 105.393** is the 20% darker color. If you saturate the color by 10%, you get **78, 62.311, 104.896**, and if you desaturate by 10%, it is **78, 44.267, 106.521**.

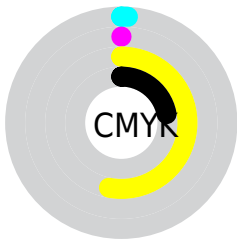
Distribution



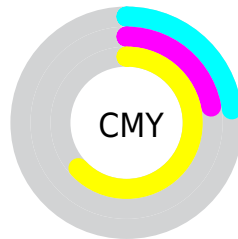
- Red (77%)
- Green (78%)
- Blue (36%)



- Red (36%)
- Yellow (78%)
- Blue (37%)



- Cyan (1%)
- Magenta (0%)
- Yellow (53%)
- Black (22%)





- Cyan (23%)
- Magenta (22%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 53.699, 105.661 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 78, 53.699, 105.661 by changing the saturation by 10% instead.


 78, 53.699,
105.661


 78, 53.699,
105.661


 100, 53.699,
105.661


 68, 53.699,
105.661


 98, 53.699,
105.661

 58, 53.699,
105.661

 48, 53.699,
105.661

 38, 53.699,
105.661

 28, 53.699,
105.661

 18, 53.699,
105.661

 8, 53.699, 105.661

0, 53.699, 105.661

78, 53.699,
105.661

78, 53.699,
105.661

78, 62.311,
104.896

78, 44.267,
106.521

78, 69.677,
104.259

79, 34.320,
107.433

78, 75.300,
103.794

79, 24.065,
108.375

77, 78.782,
103.532

79, 13.636,
109.325

77, 80.194,
103.443

80, 3.118, 110.255

80, 7.431, 291.209

81, 17.974,

292.103

■ 82, 28.486,
292.966

■ 82, 30.142,
293.196

Harmonies

Complementary

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



78, 53.699, 105.661



45, 62.352, 298.270

Rectangle

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



78, 53.699, 105.661



78, 53.699, 155.661



78, 53.699, 285.661



78, 53.699, 335.661

Sweetspot

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



78, 53.700, 105.664



99, 20.620, 109.015



53, 46.485, 25.729



53, 13.912, 108.816



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 53.700, 105.664



97, 77.218, 104.758



74, 58.141, 126.657



42, 5.983, 109.663



65, 69.407, 103.435



13, 20.291, 106.547

Inverse Universe

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



45, 62.352, 298.270



48, 94.248, 300.819



50, 62.895, 311.747



38, 6.115, 291.502



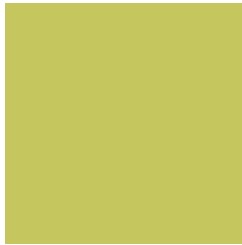
19, 95.777, 306.320



1, 21.513, 291.997

Previews

White Background



This preview shows how the CIELCh color 78, 53.699, 105.661 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 78, 53.699, 105.661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

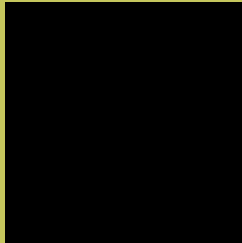
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 53.699, 105.661

Background



This preview shows how black text looks on a background with the CIELCh color 78, 53.699, 105.661.



This preview shows how white text looks on a background with the CIELCh color 78, 53.699, 105.661.

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

78, 53.699, 105.661

Protanopia

78, 52.804, 95.861

Deuteranopia

78, 51.727, 79.221



Tritanopia
78, 10.793, 336.345

Trichromacy



Original Color
78, 53.699, 105.661

Protanomaly
78, 53.151, 99.659

Deuteranomaly
78, 50.805, 88.691

Tritanomaly
78, 16.294, 90.404

Monochromacy



Original Color
78, 53.699, 105.661

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 20.269, 108.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 53.699, 105.661 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(197, 198, 93)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 93)  
}
```

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(197, 198, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 53.699, 105.661 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(197, 198, 93) }
```

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

```
.border{ border-color:rgb(197, 198, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 198, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 93);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 53.699, 105.661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 93) }
```

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

```
.background{ background-color: rgb(197,  
198, 93) }
```

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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