

Converting Colors

CIELCh(78, 16.004, 112.865)

Have a look what the booklet for
CIELCh(78, 16.004, 112.865)
contains.

CIELCh(78, 16.004, 112.865)	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(78, 16.004, 112.865)

Conversions

Conversions Part 1

Format	Color
Hex	C0C3A5
RGB	192, 195, 165
RGB Percent	75%, 76%, 65%
CMY	0.2454, 0.2336, 0.3513
CMYK	0.02, 0.00, 0.15, 0.23
HSL	66°, 20%, 71%
HSV	66°, 15%, 77%
XYZ	48.2832, 53.2120, 43.5189
YIQ	190.6830, 7.8420, -9.9660

Conversions

Conversions Part 2

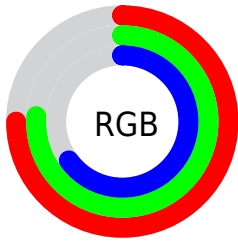
Format	Color
RYB	165, 195, 168
Decimal	12632997
CIELab	78.00, -6.22, 14.75
CIELCh	78, 16.004, 112.865
Yxy	53.2120, 0.3330, 0.3669
Android (android.graphics.Color)	4290823077 (0xFFC0C3A5)
YUV	190.6830, -12.6617, 1.1550
Hunter-Lab	72.9466, -9.5075, 15.6910

Details

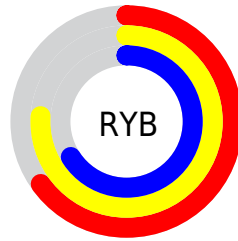
The CIELCh color **78, 16.004, 112.865** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 16.566, 295.488**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 16.272, 112.811**, and **58, 15.843, 112.839** is the 20% darker color. If you saturate the color by 10%, you get **77, 26.316, 112.054**, and if you desaturate by 10%, it is **79, 5.591, 113.679**.

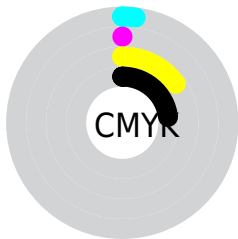
Distribution



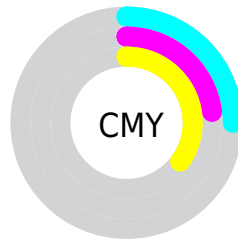
- Red (75%)
- Green (76%)
- Blue (65%)



- Red (65%)
- Yellow (76%)
- Blue (66%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (23%)





- Cyan (25%)
- Magenta (23%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 16.004, 112.865 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, 16.004, 112.865 by changing the saturation by 10% instead.


 78, 16.004,
112.865


 78, 16.004,
112.865


 100, 16.004,
112.865


 68, 16.004,
112.865


 98, 16.004,
112.865

 58, 16.004,
112.865

 48, 16.004,
112.865

 38, 16.004,
112.865

 28, 16.004,
112.865

 18, 16.004,
112.865

 8, 16.004, 112.865

■ 0, 16.004, 112.865

■ 78, 16.004,
112.865

■ 78, 16.004,
112.865

■ 77, 26.316,
112.054

■ 79, 5.591, 113.679

■ 79, 4.864, 294.481

■ 77, 36.428,
111.250

■ 80, 15.318,
295.243

■ 77, 46.196,
110.483

■ 81, 25.739,
295.975

■ 76, 55.401,
109.790

■ 81, 31.824,
296.860

■ 76, 63.718,
109.219

■ 81, 31.878,
298.002

■ 76, 70.711,
108.830

■ 82, 31.944,

■ 75, 75.893,
108.691

299.146

■ 75, 78.930,
108.854

■ 82, 32.023,
300.290

■ 75, 79.895,
108.989

■ 82, 32.113,
301.433

Harmonies

Complementary

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



78, 16.004, 112.865



69, 16.566, 295.488

Rectangle

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



78, 16.004, 112.865



78, 16.004, 162.865



78, 16.004, 292.865



78, 16.004, 342.865

Sweetspot

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



78, 16.006, 112.870



100, 6.475, 113.701



71, 10.661, 29.016



53, 4.418, 113.644



0, 0.000, 0.000



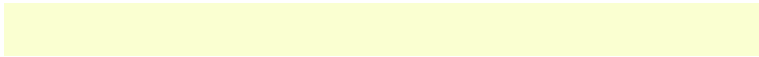
53, 0.007, 296.813

Same Dimension

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



78, 16.006, 112.870



99, 23.259, 112.631



77, 17.477, 131.830



41, 5.875, 113.357



63, 69.080, 108.904



12, 18.762, 112.794

Inverse Universe

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



69, 16.566, 295.488



86, 24.237, 295.789



70, 17.763, 313.127



37, 6.003, 294.912



19, 94.153, 306.661



1, 19.522, 293.841

Previews

White Background



This preview shows how the CIELCh color 78, 16.004, 112.865 looks on a white background.

Color Contrast Check

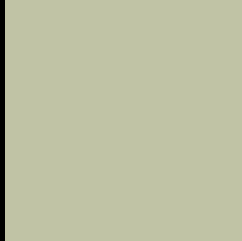
Large Text (above 18pt) WCAG AA × Fail

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 78, 16.004, 112.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

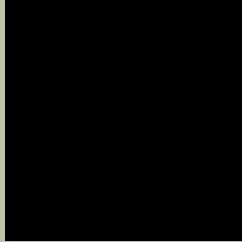
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

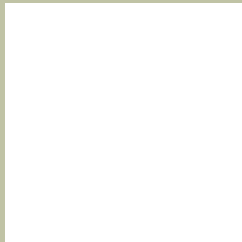
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 16.004, 112.865

Background



This preview shows how black text looks on a background with the CIELCh color 78, 16.004, 112.865.



This preview shows how white text looks on a background with the CIELCh color 78, 16.004, 112.865.

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, 16.004, 112.865

Protanopia

78, 15.530, 92.652

Deuteranopia

78, 16.934, 56.713



Tritanopia
78, 8.583, 310.523

Trichromacy



Original Color
78, 16.004, 112.865

Protanomaly
78, 15.088, 99.862

Deuteranomaly
78, 14.830, 75.189

Tritanomaly
78, 1.567, 39.084

Monochromacy



Original Color
78, 16.004, 112.865

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 5.884, 113.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 16.004, 112.865 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(192, 195, 165)` looks like.

```
.text, #text, p{  
    color:rgb(192, 195, 165)  
}
```

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(192, 195, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 195, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 16.004, 112.865 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(192, 195, 165) }
```

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

```
.border{ border-color:rgb(192, 195, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 195, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 195, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 195, 165);  
box-shadow:4px 4px 4px 4px rgb(192, 195,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 16.004, 112.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 195, 165) }
```

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

```
.background{ background-color: rgb(192,  
195, 165) }
```

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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