

Converting Colors

CIELCh(78, 62.980, 155.997)

Have a look what the booklet for
CIELCh(78, 62.980, 155.997)
contains.

CIELCh(78, 62.826, 156.029)	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, 62.826, 156.029)

Conversions

Conversions Part 1

Format	Color
Hex	3CDA8F
RGB	60, 218, 143
RGB Percent	24%, 85%, 56%
CMY	0.7635, 0.1443, 0.4384
CMYK	0.72, 0.00, 0.34, 0.14
HSL	151°, 68%, 55%
HSV	151°, 72%, 86%
XYZ	31.9806, 53.2120, 34.6491
YIQ	162.2080, -70.0930, -56.8210

Conversions

Conversions Part 2

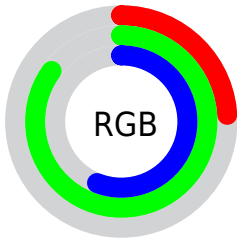
Format	Color
RYB	60, 164, 218
Decimal	3988111
CIELab	78.00, -57.41, 25.52
CIELCh	78, 62.826, 156.029
Yxy	53.2120, 0.2669, 0.4440
Android (android.graphics.Color)	4282178191 (0xFF3CDA8F)
YUV	162.2080, -9.4695, -89.6364
Hunter-Lab	72.9466, -49.4001, 22.9003

Details

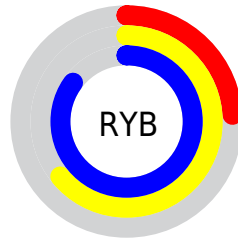
The CIELCh color **78, 62.826, 156.029** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **52, 66.435, 355.110**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 51.334, 160.638**, and **59, 58.663, 153.077** is the 20% darker color. If you saturate the color by 10%, you get **77, 68.891, 154.060**, and if you desaturate by 10%, it is **79, 55.874, 157.783**.

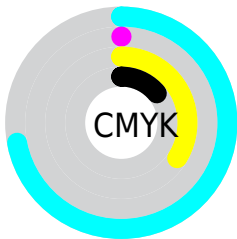
Distribution



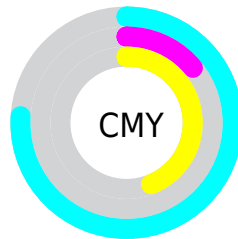
- Red (24%)
- Green (85%)
- Blue (56%)



- Red (24%)
- Yellow (64%)
- Blue (85%)



- Cyan (72%)
- Magenta (0%)
- Yellow (34%)
- Black (14%)




- Cyan (76%)
- Magenta (14%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 62.826, 156.029 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, 62.826, 156.029 by changing the saturation by 10% instead.


 78, 62.826,
156.029

 78, 62.826,
156.029


 100, 62.826,
156.029


 68, 62.826,
156.029


 98, 62.826,
156.029

 58, 62.826,
156.029

 48, 62.826,
156.029

 38, 62.826,
156.029

 28, 62.826,
156.029

 18, 62.826,
156.029

 8, 62.826, 156.029

0, 62.826, 156.029

78, 62.826,
156.029

78, 62.826,
156.029

77, 68.891,
154.060

79, 55.874,
157.783

77, 74.067,
151.885

80, 48.112,
159.334

77, 77.549,
150.158

81, 39.671,
160.703

82, 30.709,
161.917

83, 21.389,
163.001

85, 11.863,
163.983

■ 87, 2.264, 165.015

■ 89, 7.303, 345.555

■ 91, 16.254,
345.039

Harmonies

Complementary

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



78, 62.826, 156.029



52, 66.435, 355.110

Rectangle

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



78, 62.826, 156.029



78, 62.826, 206.029



78, 62.826, 336.029



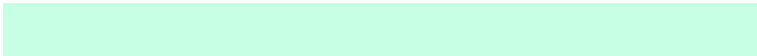
78, 62.826, 26.029

Sweetspot

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



78, 62.827, 156.029



96, 23.875, 163.018



80, 82.222, 126.892



51, 16.015, 162.734



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, 62.827, 156.029



89, 80.752, 152.910



79, 40.042, 198.709



45, 5.468, 164.260



62, 64.815, 150.549



16, 23.757, 155.316

Inverse Universe

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



52, 66.435, 355.110



56, 82.127, 359.868



50, 70.468, 31.973



43, 5.546, 345.776



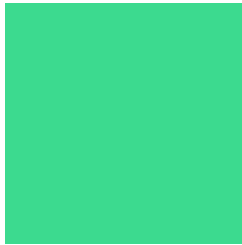
37, 63.294, 4.153



6, 24.833, 356.265

Previews

White Background



This preview shows how the CIELCh color 78, 62.826, 156.029 looks on a white background.

Color Contrast Check

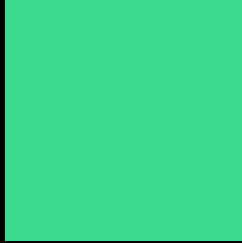
Large Text (above 18pt) WCAG AA × Fail

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, 62.826, 156.029 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, 62.826, 156.029

Background



This preview shows how black text looks on a background with the CIELCh color 78, 62.826, 156.029.

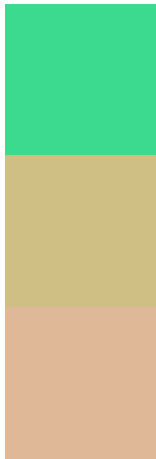


This preview shows how white text looks on a background with the CIELCh color 78, 62.826, 156.029.

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](#).

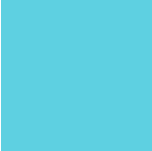
Dichromacy



Original Color
78, 62.826, 156.029

Protanopia
77, 31.974, 95.281

Deuteranopia
77, 23.942, 66.997



Tritanopia
78, 32.865, 213.552

Trichromacy



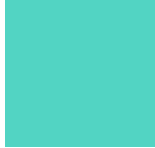
Original Color
78, 62.826, 156.029



Protanomaly
76, 38.988, 134.873



Deuteranomaly
76, 28.481, 133.560



Tritanomaly
78, 39.572, 183.172

Monochromacy



Original Color
78, 62.826, 156.029



Achromatopsia
67, 0.008, 296.813



Achromatomaly
70, 25.646, 162.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 62.826, 156.029 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(60, 218, 143)` looks like.

```
.text, #text, p{  
    color:rgb(60, 218, 143)  
}
```

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(60, 218, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 218, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 62.826, 156.029 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(60, 218, 143) }
```

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

```
.border{ border-color:rgb(60, 218, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 218, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 218, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 218, 143);  
box-shadow:4px 4px 4px 4px rgb(60, 218,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 62.826, 156.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 218, 143) }
```

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

```
.background{ background-color: rgb(60, 218,  
143) }
```

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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