

Converting Colors

CIELCh(74, 63.627, 157.085)

Have a look what the booklet for
CIELCh(74, 63.627, 157.085)
contains.

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Color

CIELCh(74, 63.568, 157.100)

Conversions

Conversions Part 1

Format	Color
Hex	1CCF86
RGB	28, 207, 134
RGB Percent	11%, 81%, 53%
CMY	0.8882, 0.1874, 0.4738
CMYK	0.86, 0.00, 0.35, 0.19
HSL	155°, 76%, 46%
HSV	155°, 86%, 81%
XYZ	27.1702, 46.7039, 30.2043
YIQ	145.1570, -83.2510, -60.6510

Conversions

Conversions Part 2

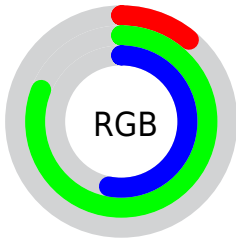
Format	Color
RYB	28, 140, 207
Decimal	1888134
CIELab	74.00, -58.56, 24.74
CIELCh	74, 63.568, 157.100
Yxy	46.7039, 0.2611, 0.4487
Android (android.graphics.Color)	4280078214 (0xFF1CCF86)
YUV	145.1570, -5.5004, -102.7467
Hunter-Lab	68.3403, -48.6288, 21.6339

Details

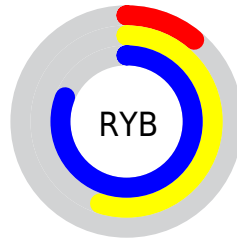
The CIELCh color **74, 63.568, 157.100** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **46, 69.023, 4.911**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 58.080, 159.398**, and **55, 56.275, 152.554** is the 20% darker color. If you saturate the color by 10%, you get **74, 67.706, 154.878**, and if you desaturate by 10%, it is **74, 58.638, 159.123**.

Distribution



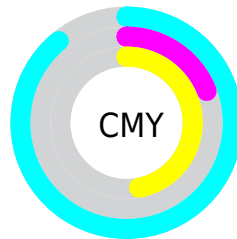
- Red (11%)
- Green (81%)
- Blue (53%)



- Red (11%)
- Yellow (55%)
- Blue (81%)



- Cyan (86%)
- Magenta (0%)
- Yellow (35%)
- Black (19%)




- Cyan (89%)
- Magenta (19%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 63.568, 157.100 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 74, 63.568, 157.100 by changing the saturation by 10% instead.


 74, 63.568,
157.100

 74, 63.568,
157.100


 100, 63.568,
157.100


 64, 63.568,
157.100


 94, 63.568,
157.100

 54, 63.568,
157.100

 44, 63.568,
157.100

 34, 63.568,
157.100

 24, 63.568,
157.100

 14, 63.568,
157.100

 4, 63.568, 157.100

■ 0, 63.568, 157.100

■ 74, 63.568,
157.100

■ 74, 63.568,
157.100

■ 74, 67.706,
154.878

■ 74, 58.638,
159.123

■ 74, 69.152,
154.046

■ 75, 52.864,
160.935

■ 76, 46.283,
162.545

■ 77, 38.992,
163.974

■ 78, 31.122,
165.248

■ 79, 22.821,
166.393

■ 80, 14.232,
167.434

■ 82, 5.486, 168.423

■ 84, 3.306, 349.066

Harmonies

Complementary

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



74, 63.568, 157.100



46, 69.023, 4.911

Rectangle

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



74, 63.568, 157.100



74, 63.568, 207.100



74, 63.568, 337.100



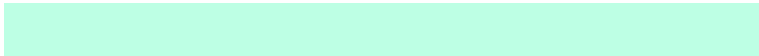
74, 63.568, 27.100

Sweetspot

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



74, 63.568, 157.100



95, 26.752, 166.386



75, 90.166, 129.453



50, 18.066, 165.997



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 63.568, 157.100



89, 81.326, 153.745



71, 38.023, 209.233



43, 5.019, 168.107



61, 58.834, 154.413



13, 20.470, 159.766

Inverse Universe

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



46, 69.023, 4.911



54, 84.857, 11.972



46, 78.656, 38.290



41, 5.112, 349.684



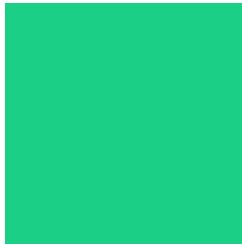
36, 62.006, 10.441



5, 21.052, 359.612

Previews

White Background



This preview shows how the CIELCh color 74, 63.568, 157.100 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 74, 63.568, 157.100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

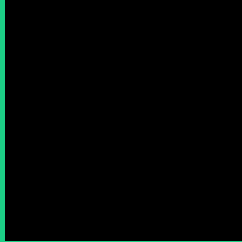
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 63.568, 157.100

Background



This preview shows how black text looks on a background with the CIELCh color 74, 63.568, 157.100.

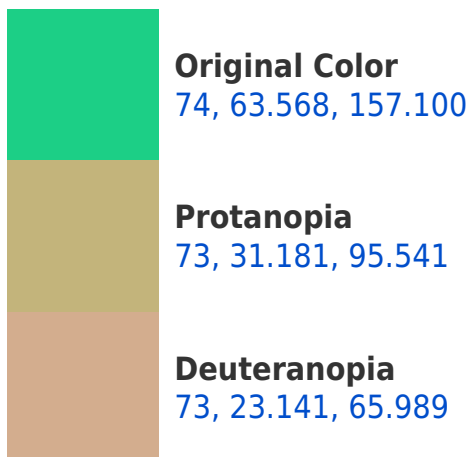


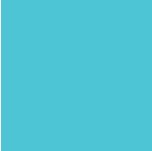
This preview shows how white text looks on a background with the CIELCh color 74, 63.568, 157.100.

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





Tritanopia
74, 33.526, 212.291

Trichromacy



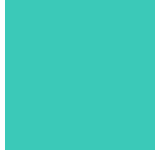
Original Color
74, 63.568, 157.100



Protanomaly
72, 40.205, 139.405



Deuteranomaly
71, 29.365, 139.482



Tritanomaly
74, 41.063, 183.300

Monochromacy



Original Color
74, 63.568, 157.100



Achromatopsia
60, 0.008, 296.813



Achromatomaly
64, 28.077, 164.617

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 63.568, 157.100 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(28, 207, 134)` looks like.

```
.text, #text, p{  
    color:rgb(28, 207, 134)  
}
```

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(28, 207, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 207, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 63.568, 157.100 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(28, 207, 134) }
```

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

```
.border{ border-color:rgb(28, 207, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 207, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 207, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 207, 134);  
box-shadow:4px 4px 4px 4px rgb(28, 207,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 63.568, 157.100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 207, 134) }
```

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

```
.background{ background-color: rgb(28, 207,  
134) }
```

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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