

Converting Colors

CIELCh(74, 44.888, 157.651)

Have a look what the booklet for
CIELCh(74, 44.888, 157.651)
contains.

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Color

CIELCh(74, 44.915, 157.611)

Conversions

Conversions Part 1

Format	Color
Hex	64C995
RGB	100, 201, 149
RGB Percent	39%, 79%, 58%
CMY	0.6075, 0.2114, 0.4153
CMYK	0.50, 0.00, 0.26, 0.21
HSL	149°, 48%, 59%
HSV	149°, 50%, 79%
XYZ	31.6059, 46.7039, 35.8193
YIQ	164.8730, -43.5040, -37.5840

Conversions

Conversions Part 2

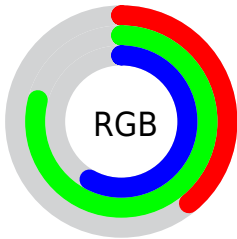
Format	Color
RYB	100, 168, 201
Decimal	6605205
CIELab	74.00, -41.53, 17.11
CIELCh	74, 44.915, 157.611
Yxy	46.7039, 0.2769, 0.4092
Android (android.graphics.Color)	4284795285 (0xFF64C995)
YUV	164.8730, -7.8254, -56.8936
Hunter-Lab	68.3403, -37.0430, 16.7624

Details

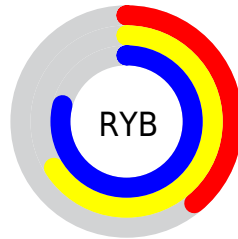
The CIELCh color **74, 44.915, 157.611** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **56, 47.175, 348.118**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 42.963, 158.293**, and **54, 44.893, 157.701** is the 20% darker color. If you saturate the color by 10%, you get **73, 52.686, 156.120**, and if you desaturate by 10%, it is **75, 36.553, 158.923**.

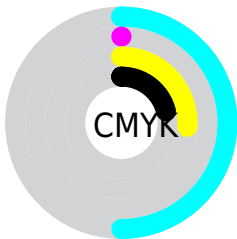
Distribution



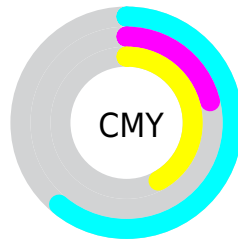
- Red (39%)
- Green (79%)
- Blue (58%)



- Red (39%)
- Yellow (66%)
- Blue (79%)



- Cyan (50%)
- Magenta (0%)
- Yellow (26%)
- Black (21%)




- Cyan (61%)
- Magenta (21%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 44.915, 157.611 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, 44.915, 157.611 by changing the saturation by 10% instead.


 74, 44.915,
157.611


 74, 44.915,
157.611


 100, 44.915,
157.611


 64, 44.915,
157.611


 94, 44.915,
157.611

 54, 44.915,
157.611

 44, 44.915,
157.611

 34, 44.915,
157.611

 24, 44.915,
157.611

 14, 44.915,
157.611

 4, 44.915, 157.611

■ 0, 44.915, 157.611

■ 74, 44.915,
157.611

■ 74, 44.915,
157.611

■ 73, 52.686,
156.120

■ 75, 36.553,
158.923

■ 72, 59.725,
154.431

■ 76, 27.753,
160.083

■ 72, 65.937,
152.531

■ 78, 18.672,
161.117

■ 72, 71.292,
150.427

■ 79, 9.448, 162.054

■ 71, 75.831,
148.264

■ 81, 0.201, 164.838

■ 83, 8.975, 343.542

■ 85, 18.010,
344.250

■ 86, 25.169,
341.701

■ 87, 28.734,
333.210

Harmonies

Complementary

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



74, 44.915, 157.611



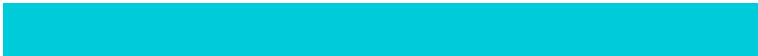
56, 47.175, 348.118

Rectangle

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



74, 44.915, 157.611



74, 44.915, 207.611



74, 44.915, 337.611



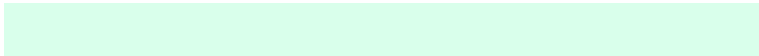
74, 44.915, 27.611

Sweetspot

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



74, 44.916, 157.610



97, 16.808, 161.596



76, 55.737, 126.160



51, 11.464, 161.394



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, 44.916, 157.610



91, 63.549, 156.023



75, 30.894, 195.441



41, 5.192, 162.132



59, 64.436, 148.640



11, 20.292, 155.277

Inverse Universe

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



56, 47.175, 348.118



65, 66.669, 349.827



55, 44.021, 23.959



39, 5.254, 343.580



35, 60.913, 0.168



4, 18.007, 352.071

Previews

White Background



This preview shows how the CIELCh color 74, 44.915, 157.611 looks on a white background.

Color Contrast Check

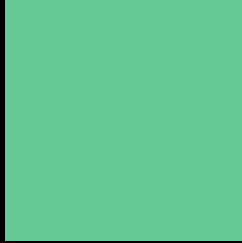
Large Text (above 18pt) WCAG AA × Fail

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, 44.915, 157.611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

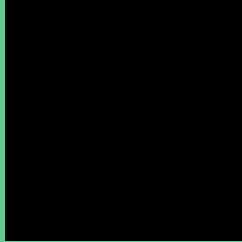
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 44.915, 157.611

Background



This preview shows how black text looks on a background with the CIELCh color 74, 44.915, 157.611.

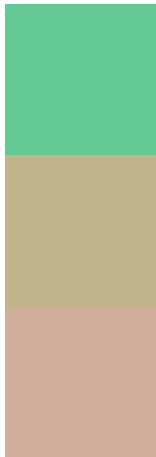


This preview shows how white text looks on a background with the CIELCh color 74, 44.915, 157.611.

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
74, 44.915, 157.611

Protanopia
73, 22.698, 94.489

Deuteranopia
73, 16.862, 57.423



Tritanopia
74, 24.975, 218.260

Trichromacy



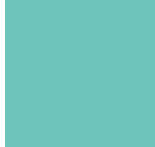
Original Color
74, 44.915, 157.611



Protanomaly
73, 26.738, 132.881



Deuteranomaly
73, 17.869, 128.890



Tritanomaly
74, 28.410, 187.292

Monochromacy



Original Color
74, 44.915, 157.611



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 17.356, 161.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 44.915, 157.611 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(100, 201, 149)` looks like.

```
.text, #text, p{  
    color:rgb(100, 201, 149)  
}
```

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(100, 201, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 201, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 44.915, 157.611 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(100, 201, 149) }
```

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

```
.border{ border-color:rgb(100, 201, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 201, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 201, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 201, 149);  
box-shadow:4px 4px 4px 4px rgb(100, 201,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 44.915, 157.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 201, 149) }
```

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

```
.background{ background-color: rgb(100,  
201, 149) }
```

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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