

Converting Colors

CIELCh(74, 28.208, 163.417)

Have a look what the booklet for
CIELCh(74, 28.208, 163.417)
contains.

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Color

CIELCh(74, 28.185, 163.429)

Conversions

Conversions Part 1

Format	Color
Hex	82C3A6
RGB	130, 195, 166
RGB Percent	51%, 76%, 65%
CMY	0.4890, 0.2341, 0.3478
CMYK	0.33, 0.00, 0.15, 0.23
HSL	153°, 35%, 64%
HSV	153°, 33%, 77%
XYZ	35.7478, 46.7039, 43.3520
YIQ	172.2590, -29.4310, -22.7990

Conversions

Conversions Part 2

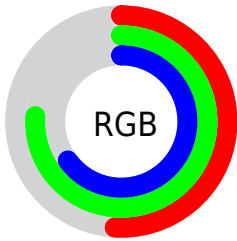
Format	Color
RYB	130, 172, 195
Decimal	8569766
CIELab	74.00, -27.01, 8.04
CIELCh	74, 28.185, 163.429
Yxy	46.7039, 0.2842, 0.3712
Android (android.graphics.Color)	4286759846 (0xFF82C3A6)
YUV	172.2590, -3.0857, -37.0611
Hunter-Lab	68.3403, -26.2248, 10.2273

Details

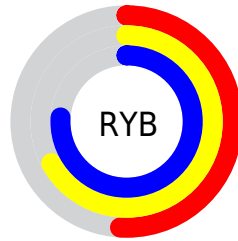
The CIELCh color $74, 28.185, 163.429$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $62, 29.716, 349.997$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 28.221, 163.212$, and $54, 28.151, 163.180$ is the 20% darker color. If you saturate the color by 10%, you get $73, 36.123, 162.206$, and if you desaturate by 10%, it is $75, 19.902, 164.523$.

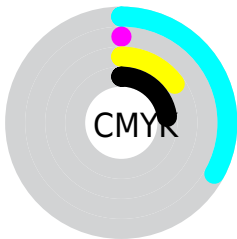
Distribution



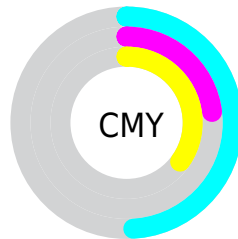
- Red (51%)
- Green (76%)
- Blue (65%)



- Red (51%)
- Yellow (67%)
- Blue (76%)



- Cyan (33%)
- Magenta (0%)
- Yellow (15%)
- Black (23%)



- Cyan (49%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 28.185, 163.429 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, 28.185, 163.429 by changing the saturation by 10% instead.

 74, 28.185,
163.429

 74, 28.185,
163.429

 100, 28.185,
163.429

 64, 28.185,
163.429


 94, 28.185,
163.429

 54, 28.185,
163.429

 44, 28.185,
163.429

 34, 28.185,
163.429

 24, 28.185,
163.429

 14, 28.185,
163.429

 4, 28.185, 163.429

■ 0, 28.185, 163.429

■ 74, 28.185,
163.429

■ 74, 28.185,
163.429

■ 73, 36.123,
162.206

■ 75, 19.902,
164.523

■ 72, 43.568,
160.833

■ 77, 11.407,
165.520

■ 71, 50.384,
159.283

■ 78, 2.819, 166.523

■ 80, 5.764, 347.118

■ 71, 56.462,
157.534

■ 82, 14.264,
347.915

■ 70, 61.739,
155.574

■ 84, 22.624,
348.626

■ 70, 66.223,
153.409

■ 85, 27.258,

■ 70, 68.920,
151.916

343.781

■ 85, 30.068,
336.719

■ 86, 33.283,
331.017

Harmonies

Complementary

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



74, 28.185, 163.429



62, 29.716, 349.997

Rectangle

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



74, 28.185, 163.429



74, 28.185, 213.429



74, 28.185, 343.429



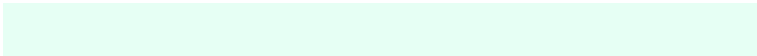
74, 28.185, 33.429

Sweetspot

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



74, 28.186, 163.428



98, 10.666, 165.819



75, 37.275, 129.275



52, 7.276, 165.682



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, 28.186, 163.428



93, 41.632, 162.543



74, 20.490, 202.850



40, 4.839, 165.895



58, 59.207, 152.279



10, 17.740, 158.921

Inverse Universe

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



62, 29.716, 349.997



75, 44.356, 350.971



62, 25.926, 26.014



38, 4.915, 347.417



34, 59.760, 6.608



3, 15.403, 355.513

Previews

White Background



This preview shows how the CIELCh color 74, 28.185, 163.429 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 74, 28.185, 163.429 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, 28.185, 163.429

Background



This preview shows how black text looks on a background with the CIELCh color 74, 28.185, 163.429.

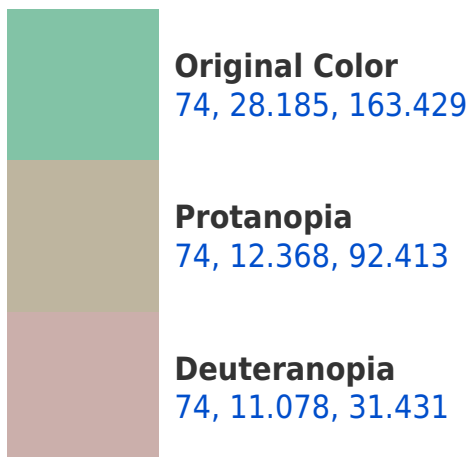


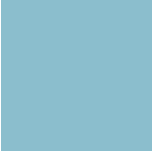
This preview shows how white text looks on a background with the CIELCh color 74, 28.185, 163.429.

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](#).

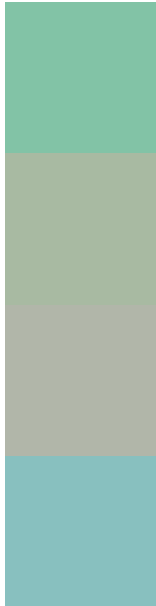
Dichromacy





Tritanopia
74, 18.355, 224.728

Trichromacy



Original Color
74, 28.185, 163.429

Protanomaly
74, 14.706, 136.728

Deuteranomaly
73, 7.289, 124.599

Tritanomaly
74, 19.020, 196.317

Monochromacy



Original Color
74, 28.185, 163.429

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 10.479, 167.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 28.185, 163.429 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(130, 195, 166)` looks like.

```
.text, #text, p{  
    color:rgb(130, 195, 166)  
}
```

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(130, 195, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 195, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 28.185, 163.429 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(130, 195, 166) }
```

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

```
.border{ border-color:rgb(130, 195, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 195, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 195, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 195, 166);  
box-shadow:4px 4px 4px 4px rgb(130, 195,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 28.185, 163.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 195, 166) }
```

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

```
.background{ background-color: rgb(130,  
195, 166) }
```

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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