

Converting Colors

CIELCh(74, 27.680, 164.953)

Have a look what the booklet for
CIELCh(74, 27.680, 164.953)
contains.

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Color

CIELCh(74, 27.509, 165.206)

Conversions

Conversions Part 1

Format	Color
Hex	82C3A8
RGB	130, 195, 168
RGB Percent	51%, 76%, 66%
CMY	0.4895, 0.2346, 0.3405
CMYK	0.33, 0.00, 0.14, 0.23
HSL	155°, 35%, 64%
HSV	155°, 33%, 77%
XYZ	35.8719, 46.7039, 44.2546
YIQ	172.4870, -30.0730, -22.1770

Conversions

Conversions Part 2

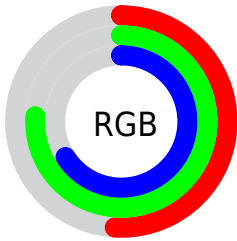
Format	Color
RYB	130, 171, 195
Decimal	8569768
CIELab	74.00, -26.60, 7.02
CIElCh	74, 27.509, 165.206
Yxy	46.7039, 0.2828, 0.3682
Android (android.graphics.Color)	4286759848 (0xFF82C3A8)
YUV	172.4870, -2.2121, -37.2611
Hunter-Lab	68.3403, -25.9006, 9.4442

Details

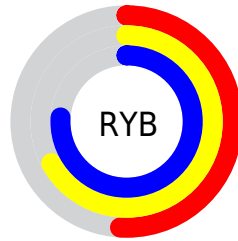
The CIELCh color $74, 27.509, 165.206$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $62, 29.242, 351.930$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 27.582, 164.898$, and $54, 27.415, 165.062$ is the 20% darker color. If you saturate the color by 10%, you get $73, 35.202, 163.978$, and if you desaturate by 10%, it is $75, 19.456, 166.309$.

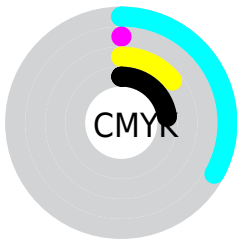
Distribution



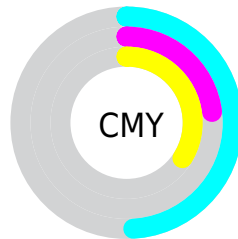
- Red (51%)
- Green (76%)
- Blue (66%)



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



- Cyan (33%)
- Magenta (0%)
- Yellow (14%)
- Black (23%)




- Cyan (49%)
- Magenta (23%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 27.509, 165.206 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, 27.509, 165.206 by changing the saturation by 10% instead.

 74, 27.509,
165.206

 74, 27.509,
165.206

 100, 27.509,
165.206


 64, 27.509,
165.206

 94, 27.509,
165.206

 54, 27.509,
165.206

 44, 27.509,
165.206

 34, 27.509,
165.206

 24, 27.509,
165.206

 14, 27.509,
165.206

 4, 27.509, 165.206

74, 27.509,
165.206

74, 27.509,
165.206

73, 35.202,
163.978

75, 19.456,
166.309

72, 42.390,
162.605

77, 11.172,
167.319

71, 48.943,
161.059

78, 2.777, 168.342

71, 54.754,
159.318

80, 5.631, 348.947

70, 59.769,
157.368

82, 13.974,
349.766

70, 64.002,
155.211

84, 22.195,
350.501

85, 26.659,

■ 70, 66.531,
153.725

345.912

■ 85, 29.134,
338.939

■ 85, 31.999,
333.201

Harmonies

Complementary

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



74, 27.509, 165.206



62, 29.242, 351.930

Rectangle

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



74, 27.509, 165.206



74, 27.509, 215.206



74, 27.509, 345.206



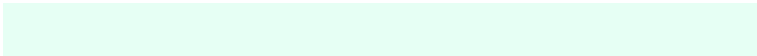
74, 27.509, 35.206

Sweetspot

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



74, 27.510, 165.205



98, 10.440, 167.625



75, 37.622, 130.405



52, 7.120, 167.486



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, 27.510, 165.205



93, 40.590, 164.319



73, 19.861, 206.522



40, 4.737, 167.702



58, 57.200, 154.086



10, 17.303, 160.512

Inverse Universe

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



62, 29.242, 351.930



75, 43.696, 352.945



62, 25.202, 28.687



38, 4.821, 349.255



34, 59.853, 9.572



3, 15.195, 357.287

Previews

White Background



This preview shows how the CIELCh color 74, 27.509, 165.206 looks on a white background.

Color Contrast Check

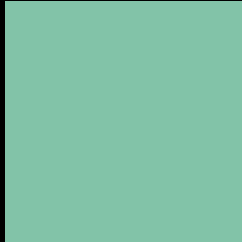
Large Text (above 18pt) WCAG AA × Fail

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, 27.509, 165.206 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, 27.509, 165.206

Background



This preview shows how black text looks on a background with the CIELCh color 74, 27.509, 165.206.

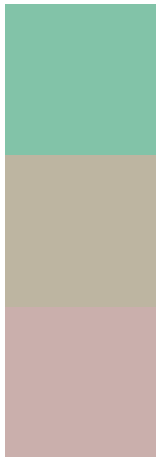


This preview shows how white text looks on a background with the CIELCh color 74, 27.509, 165.206.

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

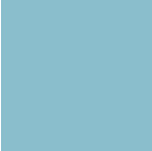
74, 27.509, 165.206

Protanopia

74, 11.219, 92.939

Deuteranopia

74, 10.569, 28.995



Tritanopia
74, 18.618, 224.310

Trichromacy



Original Color
74, 27.509, 165.206

Protanomaly
74, 13.756, 138.807

Deuteranomaly
73, 6.382, 130.407

Tritanomaly
74, 19.246, 197.948

Monochromacy



Original Color
74, 27.509, 165.206

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, 27.509, 165.206 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(130, 195, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 195, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 27.509, 165.206 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, 168) }
```

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

```
.border{ border-color:rgb(130, 195, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 195, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 195, 168);  
box-shadow:4px 4px 4px 4px rgb(130, 195,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 27.509, 165.206 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, 168) }
```

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

```
.background{ background-color: rgb(130,  
195, 168) }
```

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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