

Converting Colors

CIELCh(74, 30.776, 164.958)

Have a look what the booklet for
CIELCh(74, 30.776, 164.958)
contains.

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Color

CIELCh(74, 31.156, 164.493)

Conversions

Conversions Part 1

Format	Color
Hex	7BC5A6
RGB	123, 197, 166
RGB Percent	48%, 77%, 65%
CMY	0.5189, 0.2288, 0.3503
CMYK	0.38, 0.00, 0.16, 0.23
HSL	155°, 39%, 63%
HSV	155°, 38%, 77%
XYZ	34.8616, 46.7039, 43.0950
YIQ	171.3400, -34.1530, -25.3290

Conversions

Conversions Part 2

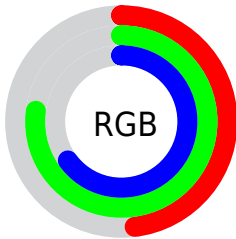
Format	Color
RYB	123, 170, 197
Decimal	8111526
CIELab	74.00, -30.02, 8.33
CIELCh	74, 31.156, 164.493
Yxy	46.7039, 0.2797, 0.3746
Android (android.graphics.Color)	4286301606 (0xFF7BC5A6)
YUV	171.3400, -2.6326, -42.3942
Hunter-Lab	68.3403, -28.5395, 10.4503

Details

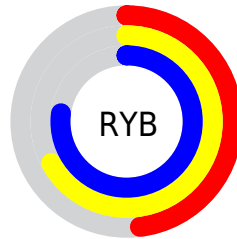
The CIELCh color **74, 31.156, 164.493** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 33.337, 352.299**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.167, 164.444**, and **54, 31.265, 164.192** is the 20% darker color. If you saturate the color by 10%, you get **73, 38.720, 163.204**, and if you desaturate by 10%, it is **75, 23.169, 165.646**.

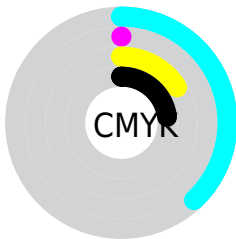
Distribution



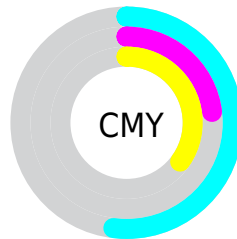
- Red (48%)
- Green (77%)
- Blue (65%)



- Red (48%)
- Yellow (67%)
- Blue (77%)



- Cyan (38%)
- Magenta (0%)
- Yellow (16%)
- Black (23%)




- Cyan (52%)
- Magenta (23%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 31.156, 164.493 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, 31.156, 164.493 by changing the saturation by 10% instead.

 74, 31.156,
164.493

 74, 31.156,
164.493


 100, 31.156,
164.493


 64, 31.156,
164.493


 94, 31.156,
164.493

 54, 31.156,
164.493

 44, 31.156,
164.493

 34, 31.156,
164.493

 24, 31.156,
164.493

 14, 31.156,
164.493

 4, 31.156, 164.493

0, 31.156, 164.493

74, 31.156,
164.493

74, 31.156,
164.493

73, 38.720,
163.204

75, 23.169,
165.646

72, 45.718,
161.758

77, 14.895,
166.692

71, 52.026,
160.128

78, 6.463, 167.672

71, 57.556,
158.294

80, 2.021, 348.256

82, 10.469,
349.225

70, 62.280,
156.250

84, 18.815,
349.985

70, 66.274,
154.026

85, 25.360,

■ 70, 67.180,
153.509

348.182

■ 85, 27.749,
340.551

■ 86, 30.579,
334.297

Harmonies

Complementary

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



74, 31.156, 164.493



60, 33.337, 352.299

Rectangle

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



74, 31.156, 164.493



74, 31.156, 214.493



74, 31.156, 344.493



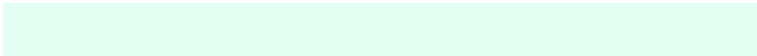
74, 31.156, 34.493

Sweetspot

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



74, 31.157, 164.492



98, 11.508, 167.326



75, 42.466, 129.632



52, 7.729, 167.193



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, 31.157, 164.492



92, 45.358, 163.464



73, 22.490, 204.637



41, 4.850, 167.499



59, 58.122, 153.851



11, 18.719, 159.950

Inverse Universe

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



60, 33.337, 352.299



72, 49.147, 353.506



60, 29.540, 27.782



39, 4.936, 349.055



34, 60.536, 9.319



4, 17.175, 357.811

Previews

White Background



This preview shows how the CIE LCh color 74, 31.156, 164.493 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, 31.156, 164.493 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, 31.156, 164.493

Background



This preview shows how black text looks on a background with the CIELCh color 74, 31.156, 164.493.

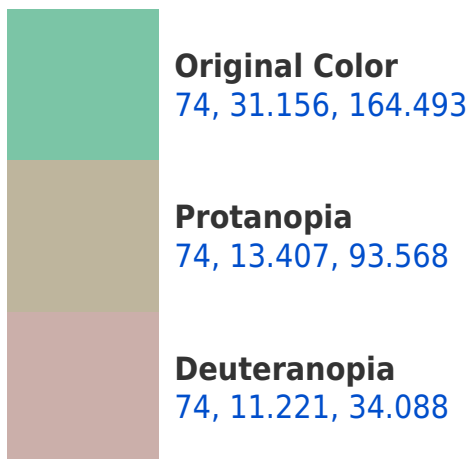


This preview shows how white text looks on a background with the CIELCh color 74, 31.156, 164.493.

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, 20.433, 221.713

Trichromacy



Original Color
74, 31.156, 164.493



Protanomaly
74, 16.677, 137.484



Deuteranomaly
73, 8.822, 132.159

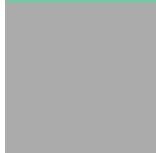


Tritanomaly
74, 21.466, 194.859

Monochromacy



Original Color
74, 31.156, 164.493



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 11.716, 167.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 31.156, 164.493 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(123, 197, 166)` looks like.

```
.text, #text, p{  
    color:rgb(123, 197, 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(123, 197, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 197, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 31.156, 164.493 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(123, 197, 166) }
```

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

```
.border{ border-color:rgb(123, 197, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 197, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 197, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 197, 166); box-shadow:4px 4px 4px 4px rgb(123, 197, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 31.156, 164.493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 197, 166) }
```

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

```
.background{ background-color: rgb(123,  
197, 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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