

Converting Colors

CIELCh(79, 49.461, 150.237)

Have a look what the booklet for
CIELCh(79, 49.461, 150.237)
contains.

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Color

CIELCh(79, 49.386, 150.310)

Conversions

Conversions Part 1

Format	Color
Hex	77D794
RGB	119, 215, 148
RGB Percent	47%, 84%, 58%
CMY	0.5316, 0.1551, 0.4180
CMYK	0.45, 0.00, 0.31, 0.16
HSL	138°, 55%, 66%
HSV	138°, 45%, 84%
XYZ	37.4572, 54.9284, 36.8147
YIQ	178.6580, -35.7090, -41.1890

Conversions

Conversions Part 2

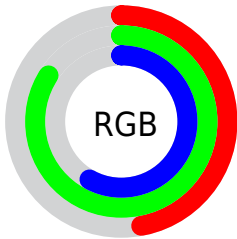
Format	Color
RYB	119, 193, 215
Decimal	7853972
CIELab	79.00, -42.90, 24.46
CIELCh	79, 49.386, 150.310
Yxy	54.9284, 0.2899, 0.4251
Android (android.graphics.Color)	4286044052 (0xFF77D794)
YUV	178.6580, -15.1144, -52.3201
Hunter-Lab	74.1137, -39.4847, 22.4283

Details

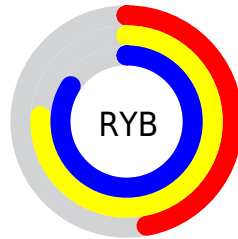
The CIELCh color **79, 49.386, 150.310** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **63, 49.903, 337.775**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 39.189, 153.175**, and **59, 49.079, 150.546** is the 20% darker color. If you saturate the color by 10%, you get **78, 59.572, 148.995**, and if you desaturate by 10%, it is **80, 38.649, 151.454**.

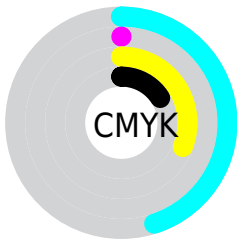
Distribution



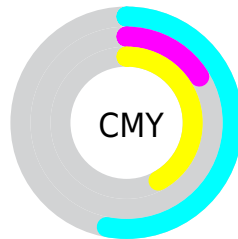
- Red (47%)
- Green (84%)
- Blue (58%)



- Red (47%)
- Yellow (76%)
- Blue (84%)



- Cyan (45%)
- Magenta (0%)
- Yellow (31%)
- Black (16%)





- Cyan (53%)
- Magenta (16%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 49.386, 150.310 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 79, 49.386, 150.310 by changing the saturation by 10% instead.


 79, 49.386,
150.310


 79, 49.386,
150.310


 100, 49.386,
150.310


 69, 49.386,
150.310


 99, 49.386,
150.310

 59, 49.386,
150.310

 49, 49.386,
150.310

 39, 49.386,
150.310

 29, 49.386,
150.310

 19, 49.386,
150.310

 9, 49.386, 150.310

■ 0, 49.386, 150.310

■ 79, 49.386,
150.310

■ 79, 49.386,
150.310

■ 78, 59.572,
148.995

■ 80, 38.649,
151.454

■ 77, 68.987,
147.496

■ 82, 27.566,
152.449

■ 76, 77.433,
145.810

■ 83, 16.328,
153.319

■ 76, 84.754,
143.962

■ 85, 5.088, 154.118

■ 76, 90.857,
142.009

■ 87, 6.032, 334.648

■ 89, 16.943,
335.269

■ 76, 93.722,
140.986

■ 90, 24.237,

326.185

90, 24.780,
325.287

Harmonies

Complementary

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



79, 49.386, 150.310



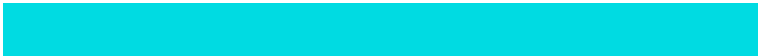
63, 49.903, 337.775

Rectangle

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



79, 49.386, 150.310



79, 49.386, 200.310



79, 49.386, 330.310



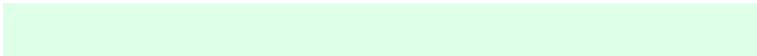
79, 49.386, 20.310

Sweetspot

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



79, 49.387, 150.310



97, 16.702, 153.436



82, 50.483, 119.252



51, 11.696, 153.254



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 49.387, 150.310



91, 66.470, 149.143



80, 32.974, 178.895



44, 6.319, 153.730



61, 78.233, 141.323



14, 27.370, 146.850

Inverse Universe

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



63, 49.903, 337.775



69, 66.831, 338.618



61, 39.963, 9.075



42, 6.352, 334.970



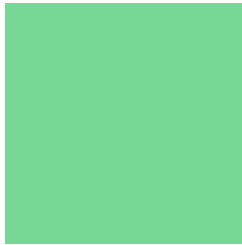
38, 68.374, 344.891



6, 26.432, 341.197

Previews

White Background



This preview shows how the CIELCh color 79, 49.386, 150.310 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 79, 49.386, 150.310 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 79, 49.386, 150.310

Background



This preview shows how black text looks on a background with the CIELCh color 79, 49.386, 150.310.

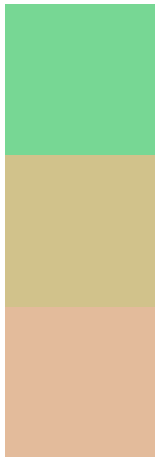


This preview shows how white text looks on a background with the CIELCh color 79, 49.386, 150.310.

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
79, 49.386, 150.310

Protanopia
78, 29.757, 95.555

Deuteranopia
79, 23.729, 65.562



Tritanopia
79, 23.164, 221.283

Trichromacy



Original Color
79, 49.386, 150.310



Protanomaly
78, 33.246, 125.259



Deuteranomaly
78, 23.592, 116.661



Tritanomaly
79, 27.006, 182.443

Monochromacy



Original Color
79, 49.386, 150.310



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 18.452, 153.521

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 49.386, 150.310 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(119, 215, 148)` looks like.

```
.text, #text, p{  
    color:rgb(119, 215, 148)  
}
```

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(119, 215, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 215, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 49.386, 150.310 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(119, 215, 148) }
```

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

```
.border{ border-color:rgb(119, 215, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 215, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 215, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 215, 148);  
box-shadow:4px 4px 4px 4px rgb(119, 215,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 49.386, 150.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 215, 148) }
```

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

```
.background{ background-color: rgb(119,  
215, 148) }
```

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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