

Converting Colors

CIELCh(79, 49.158, 146.644)

Have a look what the booklet for
CIELCh(79, 49.158, 146.644)
contains.

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Color

CIELCh(79, 49.158, 146.644)

Conversions

Conversions Part 1

Format	Color
Hex	80D790
RGB	128, 215, 144
RGB Percent	50%, 84%, 56%
CMY	0.4997, 0.1586, 0.4369
CMYK	0.41, 0.00, 0.33, 0.16
HSL	131°, 52%, 67%
HSV	131°, 41%, 84%
XYZ	38.0248, 54.9284, 34.8166
YIQ	180.8930, -29.0610, -40.5250

Conversions

Conversions Part 2

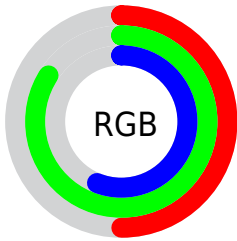
Format	Color
RYB	128, 201, 215
Decimal	8443792
CIELab	79.00, -41.06, 27.03
CIELCh	79, 49.158, 146.644
Yxy	54.9284, 0.2976, 0.4299
Android (android.graphics.Color)	4286633872 (0xFF80D790)
YUV	180.8930, -18.1882, -46.3872
Hunter-Lab	74.1137, -38.1177, 24.0267

Details

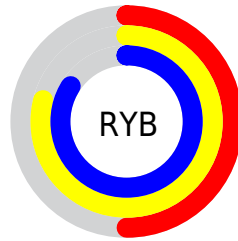
The CIELCh color $79, 49.158, 146.644$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $65, 49.240, 332.587$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 38.722, 148.328$, and $59, 49.367, 146.614$ is the 20% darker color. If you saturate the color by 10%, you get $78, 60.544, 145.466$, and if you desaturate by 10%, it is $80, 37.256, 147.668$.

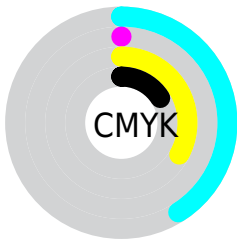
Distribution



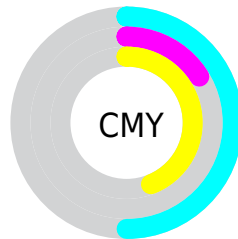
- Red (50%)
- Green (84%)
- Blue (56%)



- Red (50%)
- Yellow (79%)
- Blue (84%)



- Cyan (41%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)



- Cyan (50%)
- Magenta (16%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 49.158, 146.644 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, 49.158, 146.644 by changing the saturation by 10% instead.

 79, 49.158,
146.644

 79, 49.158,
146.644

 100, 49.158,
146.644

 69, 49.158,
146.644

 99, 49.158,
146.644

 59, 49.158,
146.644

 49, 49.158,
146.644

 39, 49.158,
146.644

 29, 49.158,
146.644

 19, 49.158,
146.644

 9, 49.158, 146.644

0, 49.158, 146.644

79, 49.158,
146.644

79, 49.158,
146.644

78, 60.544,
145.466

80, 37.256,
147.668

77, 71.137,
144.128

82, 25.077,
148.552

76, 80.656,
142.645

84, 12.822,
149.321

76, 88.821,
141.060

86, 0.649, 150.442

75, 95.386,
139.456

88, 11.324,
330.483

75, 100.024,
138.084

90, 22.731,
330.059

■ 90, 25.340,
325.307

Harmonies

Complementary

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



79, 49.158, 146.644



65, 49.240, 332.587

Rectangle

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



79, 49.158, 146.644



79, 49.158, 196.644



79, 49.158, 326.644



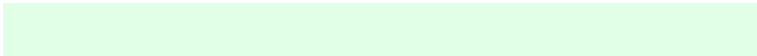
79, 49.158, 16.644

Sweetspot

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



79, 49.159, 146.644



97, 16.801, 149.206



83, 45.166, 114.513



52, 11.152, 149.109



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, 49.159, 146.644



91, 67.631, 145.599



80, 33.017, 170.603



44, 6.887, 149.403



61, 83.907, 138.333



14, 29.249, 144.296

Inverse Universe

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



65, 49.240, 332.587



72, 67.435, 333.204



63, 37.004, 359.717



42, 6.907, 330.531



39, 74.238, 337.145



6, 28.780, 335.136

Previews

White Background



This preview shows how the CIELCh color 79, 49.158, 146.644 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, 49.158, 146.644 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, 49.158, 146.644

Background



This preview shows how black text looks on a background with the CIELCh color 79, 49.158, 146.644.

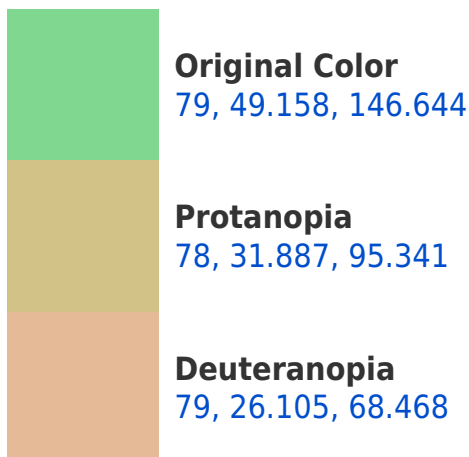


This preview shows how white text looks on a background with the CIELCh color 79, 49.158, 146.644.

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



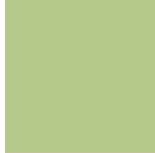


Tritanopia
79, 21.021, 222.325

Trichromacy



Original Color
79, 49.158, 146.644



Protanomaly
78, 34.179, 121.323



Deuteranomaly
78, 26.029, 113.044

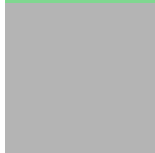


Tritanomaly
79, 25.252, 178.959

Monochromacy



Original Color
79, 49.158, 146.644



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 18.505, 148.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 49.158, 146.644 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(128, 215, 144)` looks like.

```
.text, #text, p{  
    color:rgb(128, 215, 144)  
}
```

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(128, 215, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 215, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 49.158, 146.644 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(128, 215, 144) }
```

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

```
.border{ border-color:rgb(128, 215, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 215, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 215, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 215, 144);  
box-shadow:4px 4px 4px 4px rgb(128, 215,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 49.158, 146.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 215, 144) }
```

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

```
.background{ background-color: rgb(128,  
215, 144) }
```

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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