

Converting Colors

CIELCh(79, 15.067, 70.372)

Have a look what the booklet for
CIELCh(79, 15.067, 70.372) contains.

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Color

CIELCh(79, 15.060, 70.450)

Conversions

Conversions Part 1

Format	Color
Hex	D8C0AA
RGB	216, 192, 170
RGB Percent	85%, 75%, 67%
CMY	0.1547, 0.2487, 0.3350
CMYK	0.00, 0.11, 0.21, 0.15
HSL	29°, 37%, 76%
HSV	29°, 21%, 85%
XYZ	54.1592, 54.9284, 45.5697
YIQ	196.6680, 21.3660, -1.7540

Conversions

Conversions Part 2

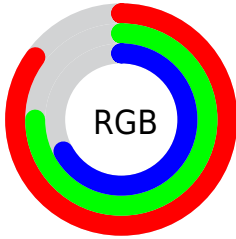
Format	Color
R _Y B	216, 212, 170
Decimal	14205098
CIE Lab	79.00, 5.04, 14.19
CIE LCh	79, 15.060, 70.450
Yxy	54.9284, 0.3502, 0.3552
Android (android.graphics.Color)	4292395178 (0xFFD8C0AA)
YUV	196.6680, -13.1473, 16.9542
Hunter-Lab	74.1137, 0.7414, 15.4244

Details

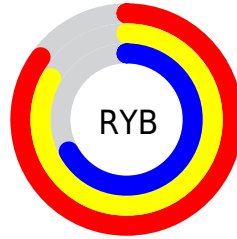
The CIELCh color **79, 15.060, 70.450** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 14.120, 256.100**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.959, 96.923**, and **59, 15.126, 70.942** is the 20% darker color. If you saturate the color by 10%, you get **76, 22.698, 69.254**, and if you desaturate by 10%, it is **82, 7.798, 71.643**.

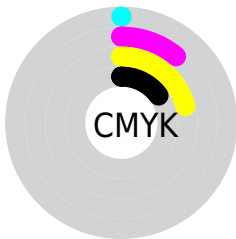
Distribution



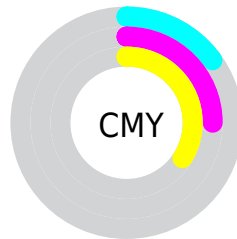
- Red (85%)
- Green (75%)
- Blue (67%)



- Red (85%)
- Yellow (83%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 15.060, 70.450 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, 15.060, 70.450 by changing the saturation by 10% instead.

79, 15.060, 70.450

79, 15.060, 70.450

100, 15.060,
70.450

69, 15.060, 70.450

99, 15.060, 70.450

59, 15.060, 70.450

49, 15.060, 70.450

39, 15.060, 70.450

29, 15.060, 70.450

19, 15.060, 70.450

9, 15.060, 70.450

0, 15.060, 70.450

79, 15.060, 70.450

79, 15.060, 70.450

76, 22.698, 69.254

82, 7.798, 71.643

73, 30.722, 68.043

86, 0.886, 72.427

69, 39.107, 66.826

89, 5.708, 254.126

66, 47.759, 65.587

93, 11.692,
253.967

64, 56.443, 64.266

95, 11.333,
217.929

61, 64.666, 62.726

58, 71.535, 60.686

97, 13.234,
198.622

56, 75.974, 58.429

Harmonies

Complementary

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



79, 15.060, 70.450



77, 14.120, 256.100

Rectangle

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



79, 15.060, 70.450



79, 15.060, 120.450



79, 15.060, 250.450



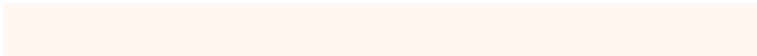
79, 15.060, 300.450

Sweetspot

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



79, 15.060, 70.460



98, 4.669, 72.227



74, 21.603, 343.709



52, 3.103, 72.158



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, 15.060, 70.460



90, 21.308, 69.868



85, 23.179, 106.695



43, 3.868, 71.861



45, 63.648, 59.084



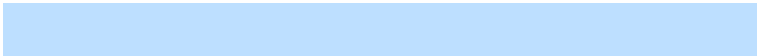
9, 17.051, 56.678

Inverse Universe

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



77, 14.120, 256.100



87, 19.644, 256.970



71, 24.275, 291.311



43, 3.772, 254.306



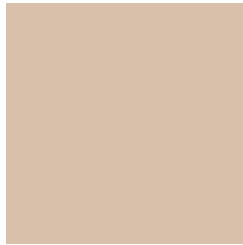
38, 50.931, 281.573



7, 16.660, 270.720

Previews

White Background



This preview shows how the CIELCh color 79, 15.060, 70.450 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, 15.060, 70.450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

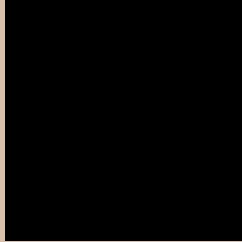
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 15.060, 70.450

Background



This preview shows how black text looks on a background with the CIELCh color 79, 15.060, 70.450.

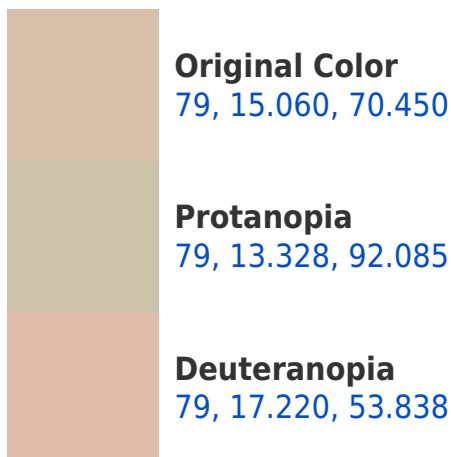



This preview shows how white text looks on a background with the CIELCh color 79, 15.060, 70.450.

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, 14.602, 347.493

Trichromacy



Original Color
79, 15.060, 70.450

Protanomaly
79, 14.044, 84.396

Deuteranomaly
79, 16.231, 58.405

Tritanomaly
79, 10.976, 17.482

Monochromacy



Original Color
79, 15.060, 70.450

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 5.424, 71.115

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 15.060, 70.450 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(216, 192, 170)` looks like.

```
.text, #text, p{  
    color:rgb(216, 192, 170)  
}
```

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(216, 192, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 192, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 15.060, 70.450 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(216, 192, 170) }
```

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

```
.border{ border-color:rgb(216, 192, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 192, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 192, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 192, 170);  
box-shadow:4px 4px 4px 4px rgb(216, 192,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 15.060, 70.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 192, 170) }
```

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

```
.background{ background-color: rgb(216,  
192, 170) }
```

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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