

Converting Colors

CIELCh(79, 18.721, 48.287)

Have a look what the booklet for
CIELCh(79, 18.721, 48.287) contains.

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Color

CIELCh(79, 18.669, 49.216)

Conversions

Conversions Part 1

Format	Color
Hex	E4BBAA
RGB	228, 187, 170
RGB Percent	89%, 73%, 67%
CMY	0.1059, 0.2667, 0.3334
CMYK	0.00, 0.18, 0.25, 0.11
HSL	18°, 52%, 78%
HSV	18°, 25%, 89%
XYZ	57.0125, 54.9284, 45.6209
YIQ	197.3210, 29.8930, 3.4050

Conversions

Conversions Part 2

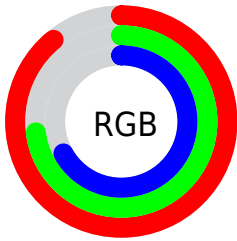
Format	Color
RYB	228, 194, 170
Decimal	14990250
CIELab	79.00, 12.19, 14.14
CIELCh	79, 18.669, 49.216
Yxy	54.9284, 0.3618, 0.3486
Android (android.graphics.Color)	4293180330 (0xFFE4BBAA)
YUV	197.3210, -13.4693, 26.9055
Hunter-Lab	74.1137, 7.6134, 15.3834

Details

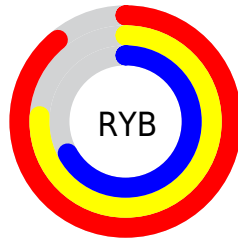
The CIELCh color **79, 18.669, 49.216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82, 16.020, 233.030**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 10.163, 83.877**, and **59, 18.696, 49.326** is the 20% darker color. If you saturate the color by 10%, you get **75, 27.055, 48.804**, and if you desaturate by 10%, it is **83, 10.897, 49.726**.

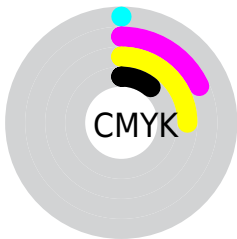
Distribution



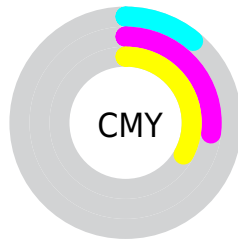
- Red (89%)
- Green (73%)
- Blue (67%)



- Red (89%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (25%)
- Black (11%)



- Cyan (11%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 18.669, 49.216 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, 18.669, 49.216 by changing the saturation by 10% instead.

79, 18.669, 49.216

79, 18.669, 49.216

100, 18.669,
49.216

69, 18.669, 49.216

99, 18.669, 49.216

59, 18.669, 49.216

49, 18.669, 49.216

39, 18.669, 49.216

29, 18.669, 49.216

19, 18.669, 49.216

9, 18.669, 49.216

0, 18.669, 49.216

79, 18.669, 49.216

79, 18.669, 49.216

75, 27.055, 48.804

83, 10.897, 49.726

70, 36.084, 48.495

88, 3.694, 50.219

66, 45.737, 48.314

93, 2.995, 231.201

63, 55.910, 48.252

97, 8.144, 211.900

59, 66.320, 48.234

98, 9.188, 198.897

56, 76.302, 48.039

53, 84.509, 47.169

52, 87.630, 46.664

Harmonies

Complementary

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



79, 18.669, 49.216



82, 16.020, 233.030

Rectangle

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



79, 18.669, 49.216



79, 18.669, 99.216



79, 18.669, 229.216



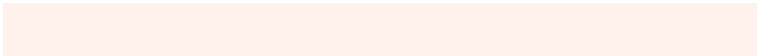
79, 18.669, 279.216

Sweetspot

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



79, 18.668, 49.225



96, 6.010, 50.109



76, 30.572, 335.403



51, 4.296, 50.034



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, 18.668, 49.225



85, 25.483, 48.971



86, 24.162, 96.371



46, 3.939, 50.039



41, 72.541, 47.186



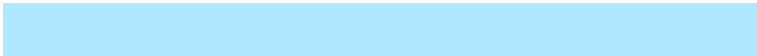
9, 22.366, 40.084

Inverse Universe

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



82, 16.020, 233.030



89, 21.015, 233.771



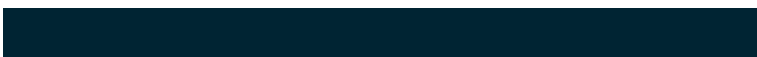
75, 24.780, 282.911



46, 3.740, 231.487



50, 37.033, 254.695



13, 14.649, 245.705

Previews

White Background



This preview shows how the CIELCh color 79, 18.669, 49.216 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, 18.669, 49.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

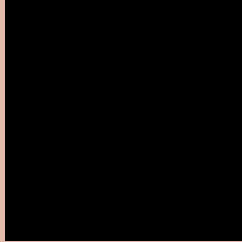
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 18.669, 49.216

Background



This preview shows how black text looks on a background with the CIELCh color 79, 18.669, 49.216.



This preview shows how white text looks on a background with the CIELCh color 79, 18.669, 49.216.

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, 18.669, 49.216

Protanopia

79, 11.683, 91.878

Deuteranopia

79, 17.199, 55.952



Tritanopia
79, 19.463, 358.675

Trichromacy



Original Color
79, 18.669, 49.216

Protanomaly
79, 13.025, 70.398

Deuteranomaly
79, 17.559, 53.126

Tritanomaly
79, 17.669, 15.716

Monochromacy



Original Color
79, 18.669, 49.216

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 6.488, 49.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 18.669, 49.216 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(228, 187, 170)` looks like.

```
.text, #text, p{  
    color:rgb(228, 187, 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(228, 187, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 187, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 18.669, 49.216 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(228, 187, 170) }
```

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

```
.border{ border-color:rgb(228, 187, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 187, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 187, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 187, 170);  
box-shadow:4px 4px 4px 4px rgb(228, 187,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 18.669, 49.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 187, 170) }
```

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

```
.background{ background-color: rgb(228,  
187, 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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