

Converting Colors

CIELCh(79, 16.175, 15.068)

Have a look what the booklet for
CIELCh(79, 16.175, 15.068) contains.

CIELCh(79, 16.481, 15.232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(79, 16.481, 15.232)

Conversions

Conversions Part 1

Format	Color
Hex	E4B9BC
RGB	228, 185, 188
RGB Percent	89%, 73%, 74%
CMY	0.1052, 0.2738, 0.2621
CMYK	0.00, 0.19, 0.18, 0.11
HSL	356°, 44%, 81%
HSV	356°, 19%, 89%
XYZ	58.5294, 54.9284, 55.1887
YIQ	198.1990, 24.6650, 10.0490

Conversions

Conversions Part 2

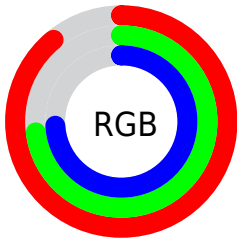
Format	Color
R _Y B	228, 185, 188
Decimal	14989756
CIE Lab	79.00, 15.90, 4.33
CIE LCh	79, 16.481, 15.232
Yxy	54.9284, 0.3471, 0.3257
Android (android.graphics.Color)	4293179836 (0xFFE4B9BC)
YUV	198.1990, -5.0281, 26.1355
Hunter-Lab	74.1137, 11.2669, 7.7293

Details

The CIELCh color **79, 16.481, 15.232** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 14.801, 192.325**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 5.216, 2.560**, and **59, 16.380, 15.268** is the 20% darker color. If you saturate the color by 10%, you get **73, 26.075, 16.437**, and if you desaturate by 10%, it is **85, 7.471, 14.245**.

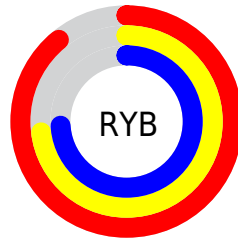
Distribution



Red (89%)

Green (73%)

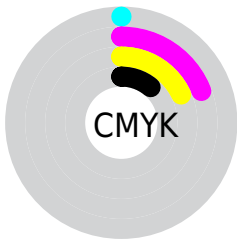
Blue (74%)



Red (89%)

Yellow (73%)

Blue (74%)

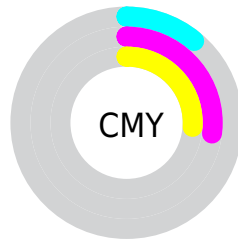


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (11%)



Cyan (11%)

Magenta (27%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 16.481, 15.232 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, 16.481, 15.232 by changing the saturation by 10% instead.

79, 16.481, 15.232

79, 16.481, 15.232

100, 16.481,
15.232

69, 16.481, 15.232

99, 16.481, 15.232

59, 16.481, 15.232

49, 16.481, 15.232

39, 16.481, 15.232

29, 16.481, 15.232

19, 16.481, 15.232

9, 16.481, 15.232

0, 16.481, 15.232

79, 16.481, 15.232

79, 16.481, 15.232

73, 26.075, 16.437

85, 7.471, 14.245

67, 36.186, 17.944

91, 0.937, 194.190

62, 46.652, 19.867

98, 8.770, 192.981

58, 57.214, 22.332

98, 9.126, 198.901

54, 67.531, 25.456

51, 77.231, 29.270

49, 85.879, 33.540

48, 92.688, 37.435

48, 93.334, 37.766

Harmonies

Complementary

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



79, 16.481, 15.232



88, 14.801, 192.325

Rectangle

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



79, 16.481, 15.232



79, 16.481, 65.232



79, 16.481, 195.232



79, 16.481, 245.232

Sweetspot

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



79, 16.479, 15.239



96, 5.491, 13.974



80, 26.879, 323.108



51, 3.650, 14.039



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, 16.479, 15.239



85, 22.330, 15.722



83, 13.520, 63.860



45, 4.829, 14.303



37, 77.092, 37.162



6, 26.893, 18.880

Inverse Universe

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



79, 16.479, 15.239



85, 22.330, 15.722



83, 12.532, 248.337



45, 4.829, 14.303



37, 77.092, 37.162



6, 26.893, 18.880

Previews

White Background



This preview shows how the CIELCh color 79, 16.481, 15.232 looks on a white background.

Color Contrast Check

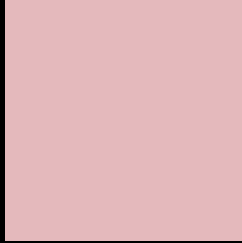
Large Text (above 18pt) WCAG AA × Fail

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, 16.481, 15.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

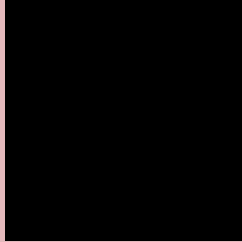
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 16.481, 15.232

Background



This preview shows how black text looks on a background with the CIELCh color 79, 16.481, 15.232.



This preview shows how white text looks on a background with the CIELCh color 79, 16.481, 15.232.

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, 16.481, 15.232

Protanopia

79, 1.916, 35.382

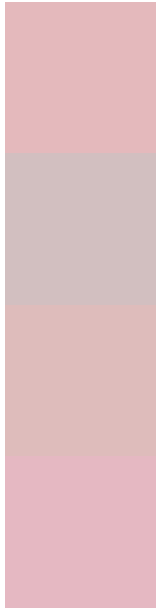
Deuteranopia

79, 11.082, 25.716



Tritanopia
79, 18.396, 357.179

Trichromacy



Original Color
79, 16.481, 15.232

Protanomaly
79, 7.135, 15.635

Deuteranomaly
79, 12.977, 22.744

Tritanomaly
79, 17.768, 3.568

Monochromacy



Original Color
79, 16.481, 15.232

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 5.989, 14.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 16.481, 15.232 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, 185, 188)` looks like.

```
.text, #text, p{  
    color:rgb(228, 185, 188)  
}
```

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, 185, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 185, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 16.481, 15.232 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, 185, 188) }
```

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

```
.border{ border-color:rgb(228, 185, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 185, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 185, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 185, 188); box-shadow:4px 4px 4px 4px rgb(228, 185, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 16.481, 15.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 185, 188) }
```

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

```
.background{ background-color: rgb(228,  
185, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor