

# Converting Colors

CIELCh(79, 14.189, 17.160)

Have a look what the booklet for  
CIELCh(79, 14.189, 17.160) contains.

<b>CIELCh(79, 14.103, 18.376)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	20
<i><b>Color Blindness Simulation</b></i> .....	23
<i><b>CSS Examples</b></i> .....	26

# Color

**CIELCh(79, 14.103, 18.376)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0BBBC
RGB	224, 187, 188
RGB Percent	88%, 73%, 74%
CMY	0.1222, 0.2672, 0.2633
CMYK	0.00, 0.17, 0.16, 0.12
HSL	358°, 37%, 81%
HSV	358°, 17%, 88%
XYZ	57.4961, 54.9284, 55.0684
YIQ	198.1770, 21.7310, 8.1550

# Conversions

## Conversions Part 2

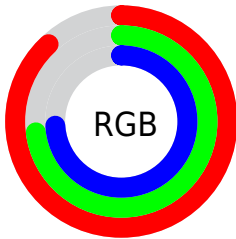
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	224, 187, 188
Decimal	14728124
CIE Lab	79.00, 13.38, 4.45
CIE LCh	79, 14.103, 18.376
Yxy	54.9284, 0.3433, 0.3279
Android (android.graphics.Color)	4292918204 (0xFFE0BBBC)
YUV	198.1770, -5.0173, 22.6468
Hunter-Lab	74.1137, 8.7783, 7.8255

# Details

The CIELCh color **79, 14.103, 18.376** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 12.734, 196.205**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 4.296, 12.728**, and **59, 13.844, 18.514** is the 20% darker color. If you saturate the color by 10%, you get **73, 23.485, 19.441**, and if you desaturate by 10%, it is **85, 5.361, 17.499**.

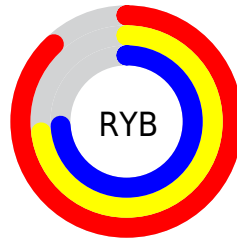
# Distribution



Red (88%)

Green (73%)

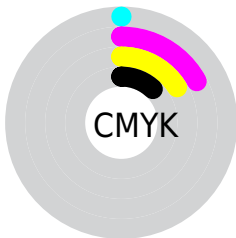
Blue (74%)



Red (88%)

Yellow (73%)

Blue (74%)

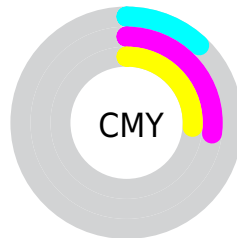


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (12%)



Cyan (12%)

Magenta (27%)

Yellow (26%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 14.103, 18.376 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, 14.103, 18.376 by changing the saturation by 10% instead.



 79, 14.103, 18.376

 79, 14.103, 18.376

 100, 14.103,  
18.376

 69, 14.103, 18.376

 99, 14.103, 18.376

 59, 14.103, 18.376

 49, 14.103, 18.376

 39, 14.103, 18.376

 29, 14.103, 18.376

 19, 14.103, 18.376

 9, 14.103, 18.376

 0, 14.103, 18.376

 79, 14.103, 18.376

 79, 14.103, 18.376

73, 23.485, 19.441

85, 5.361, 17.499

67, 33.474, 20.786

91, 2.747, 197.177

62, 43.951, 22.525

98, 10.265,  
196.493

57, 54.700, 24.773

98, 10.548,  
198.802

53, 65.406, 27.637

50, 75.667, 31.131

48, 84.908, 34.992

47, 91.912, 38.365

47, 93.658, 39.135

# Harmonies

# Complementary

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



79, 14.103, 18.376



87, 12.734, 196.205

# Rectangle

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



79, 14.103, 18.376



79, 14.103, 68.376



79, 14.103, 198.376



79, 14.103, 248.376

# Sweetspot

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



79, 14.101, 18.384



97, 4.541, 17.359



80, 23.520, 324.411



51, 3.107, 17.427



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, 14.101, 18.384



86, 19.228, 18.740



83, 11.816, 69.743



44, 4.727, 17.753



36, 77.936, 38.844



6, 25.476, 19.809





# Inverse Universe

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



79, 14.101, 18.384



86, 19.228, 18.740



82, 11.219, 253.984



44, 4.727, 17.753



36, 77.936, 38.844

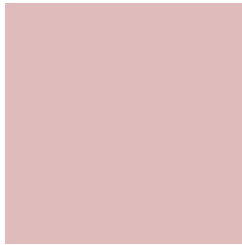


6, 25.476, 19.809



# Previews

## White Background



This preview shows how the CIELCh color 79, 14.103, 18.376 looks on a white background.

## Color Contrast Check

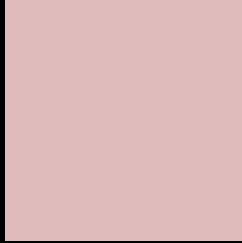
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the CIE LCh color 79, 14.103, 18.376 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

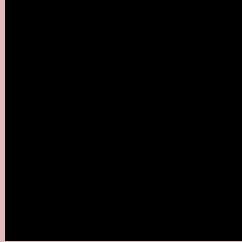
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 79, 14.103, 18.376

## Background



This preview shows how black text looks on a background with the CIELCh color 79, 14.103, 18.376.



This preview shows how white text looks on a background with the CIELCh color 79, 14.103, 18.376.

# 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, 14.103, 18.376

### Protanopia

79, 2.432, 60.286

### Deuteranopia

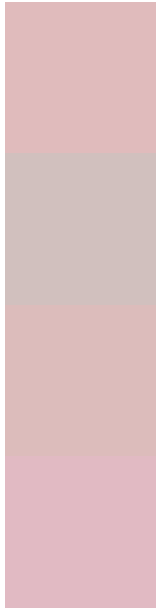
79, 11.082, 25.716



**Tritanopia**  
79, 16.666, 354.322



# Trichromacy



**Original Color**  
79, 14.103, 18.376

**Protanomaly**  
79, 6.467, 29.267

**Deuteranomaly**  
79, 12.198, 22.829

**Tritanomaly**  
79, 15.411, 2.654

# Monochromacy



**Original Color**  
79, 14.103, 18.376

**Achromatopsia**  
80, 0.010, 296.813

**Achromatomaly**  
79, 4.836, 19.674

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 79, 14.103, 18.376 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(224, 187, 188)` looks like.

```
.text, #text, p{  
    color:rgb(224, 187, 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(224, 187, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 187, 188) }
```

## Border

The CSS property to change the border of an element to CIELCh 79, 14.103, 18.376 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(224, 187, 188) }
```

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

```
.border{ border-color:rgb(224, 187, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 187, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 187, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 187, 188);  
box-shadow:4px 4px 4px 4px rgb(224, 187,  
188) }
```

# Background

The CSS property to change the background color of an element to CIELCh 79, 14.103, 18.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 187, 188) }
```

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

```
.background{ background-color: rgb(224,  
187, 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