

# Converting Colors

CIELCh(79, 24.081, 333.643)

Have a look what the booklet for  
CIELCh(79, 24.081, 333.643)  
contains.

<b>CIELCh(79, 24.365, 333.435)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

**Color**

**CIELCh(79, 24.365, 333.435)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E3B6D8
RGB	227, 182, 216
RGB Percent	89%, 71%, 85%
CMY	0.1086, 0.2851, 0.1518
CMYK	0.00, 0.20, 0.05, 0.11
HSL	315°, 45%, 80%
HSV	315°, 20%, 89%
XYZ	60.9948, 54.9284, 72.5555
YIQ	199.3310, 15.9060, 20.1140

# Conversions

## Conversions Part 2

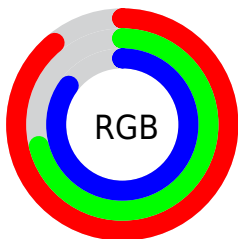
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 182, 216
Decimal	14923480
CIE Lab	79.00, 21.79, -10.90
CIE LCh	79, 24.365, 333.435
Yxy	54.9284, 0.3236, 0.2914
Android (android.graphics.Color)	4293113560 (0xFFE3B6D8)
YUV	199.3310, 8.2178, 24.2657
Hunter-Lab	74.1137, 17.2047, -6.1639

# Details

The CIELCh color  $79, 24.365, 333.435$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $86, 24.227, 150.706$ , and the grayscale version is  $80, 0.010, 296.813$ .

A 20% lighter version of the original color is  $96, 10.602, 324.781$ , and  $59, 24.103, 333.492$  is the 20% darker color. If you saturate the color by 10%, you get  $74, 36.680, 334.155$ , and if you desaturate by 10%, it is  $85, 11.995, 332.741$ .

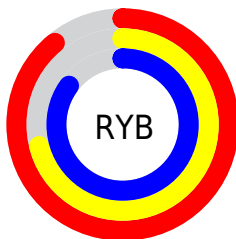
# Distribution



Red (89%)

Green (71%)

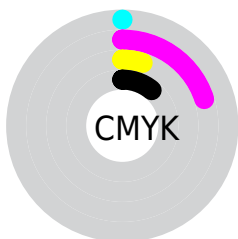
Blue (85%)



Red (89%)

Yellow (71%)

Blue (85%)

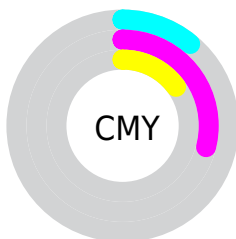


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (11%)



Cyan (11%)

Magenta (29%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 24.365, 333.435 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, 24.365, 333.435 by changing the saturation by 10% instead.




 79, 24.365,  
333.435

 79, 24.365,  
333.435


 100, 24.365,  
333.435

 69, 24.365,  
333.435


 99, 24.365,  
333.435

 59, 24.365,  
333.435

 49, 24.365,  
333.435

 39, 24.365,  
333.435

 29, 24.365,  
333.435

 19, 24.365,  
333.435

 9, 24.365, 333.435

0, 24.365, 333.435

79, 24.365,  
333.435

79, 24.365,  
333.435

74, 36.680,  
334.155

85, 11.995,  
332.741

68, 48.660,  
334.908

90, 0.233, 153.646

64, 59.900,  
335.705

96, 12.204,  
151.537

60, 69.887,  
336.558

98, 12.909,  
158.062

56, 78.040,  
337.492

98, 11.171,  
168.842

54, 83.824,  
338.542

98, 9.937, 182.846

98, 9.414, 198.881

■ 52, 86.921,  
339.761

■ 51, 87.636,  
341.180

■ 51, 87.643,  
341.209

# Harmonies

# Complementary

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



79, 24.365, 333.435



86, 24.227, 150.706

# Rectangle

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



79, 24.365, 333.435



79, 24.365, 23.435



79, 24.365, 153.435



79, 24.365, 203.435

# Sweetspot

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



79, 24.362, 333.436



96, 8.039, 332.475



76, 24.596, 300.709



51, 5.335, 332.523



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, 24.362, 333.436



85, 32.444, 333.745



78, 18.086, 0.333



45, 7.004, 332.717



40, 73.350, 340.951



8, 31.604, 338.544



# Inverse Universe

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



79, 24.362, 333.436



85, 32.444, 333.745



87, 16.953, 176.457



45, 7.004, 332.717



40, 73.350, 340.951



8, 31.604, 338.544



# Previews

## White Background



This preview shows how the CIELCh color 79, 24.365, 333.435 looks on a white background.

## Color Contrast Check

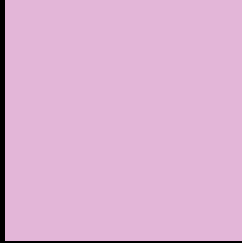
Large Text (above 18pt) WCAG AA × Fail

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, 24.365, 333.435 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, 24.365, 333.435

## Background



This preview shows how black text looks on a background with the CIELCh color 79, 24.365, 333.435.



This preview shows how white text looks on a background with the CIELCh color 79, 24.365, 333.435.

# 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, 16.887, 352.685

# Trichromacy



**Original Color**  
79, 24.365, 333.435

**Protanomaly**  
79, 17.374, 308.034

**Deuteranomaly**  
79, 17.899, 324.155

**Tritanomaly**  
79, 19.399, 343.962

# Monochromacy



**Original Color**  
79, 24.365, 333.435

**Achromatopsia**  
81, 0.010, 296.813

**Achromatomaly**  
80, 8.696, 332.794

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 79, 24.365, 333.435 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(227, 182, 216)` looks like.

```
.text, #text, p{  
    color:rgb(227, 182, 216)  
}
```

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(227, 182, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 182, 216) }
```

## Border

The CSS property to change the border of an element to CIELCh 79, 24.365, 333.435 is called "border". The border property can be set on classes, ids or directly on the HTML element.

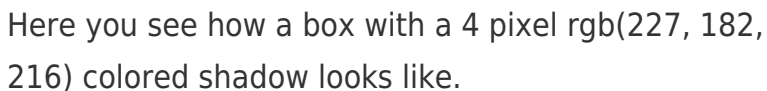
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 182, 216) }
```

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

```
.border{ border-color:rgb(227, 182, 216) }
```

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



Here you see how a box with a 4 pixel rgb(227, 182, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 182, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 182, 216);  
box-shadow:4px 4px 4px 4px rgb(227, 182,  
216) }
```

# Background

The CSS property to change the background color of an element to CIELCh 79, 24.365, 333.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 182, 216) }
```

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

```
.background{ background-color: rgb(227,  
182, 216) }
```

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