

# Converting Colors

CIELCh(79, 10.763, 336.335)

Have a look what the booklet for  
CIELCh(79, 10.763, 336.335)  
contains.

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# **Color**

**CIELCh(79, 10.763, 336.335)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3BECC
RGB	211, 190, 204
RGB Percent	83%, 75%, 80%
CMY	0.1732, 0.2555, 0.2007
CMYK	0.00, 0.10, 0.03, 0.17
HSL	320°, 19%, 79%
HSV	320°, 10%, 83%
XYZ	56.0698, 54.9284, 64.6660
YIQ	197.8750, 8.0220, 8.8060

# Conversions

## Conversions Part 2

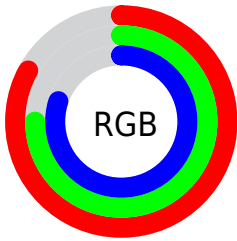
Format	Color
R <sub>Y</sub> B	211, 190, 204
Decimal	13876940
CIE Lab	79.00, 9.86, -4.32
CIE LCh	79, 10.763, 336.335
Yxy	54.9284, 0.3192, 0.3127
Android (android.graphics.Color)	4292067020 (0xFFD3BECC)
YUV	197.8750, 3.0196, 11.5106
Hunter-Lab	74.1137, 5.3431, 0.1476

# Details

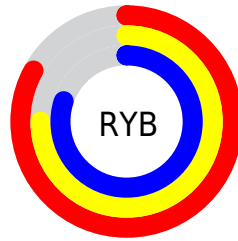
The CIELCh color  $79, 10.763, 336.335$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $83, 10.695, 154.979$ , and the grayscale version is  $80, 0.010, 296.813$ .

A 20% lighter version of the original color is  $98, 5.604, 324.582$ , and  $59, 10.444, 335.736$  is the 20% darker color. If you saturate the color by 10%, you get  $74, 21.708, 337.108$ , and if you desaturate by 10%, it is  $85, 0.038, 165.221$ .

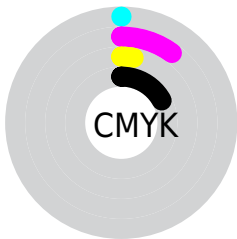
# Distribution



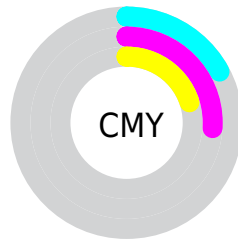
- Red (83%)
- Green (75%)
- Blue (80%)



- Red (83%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (17%)




- Cyan (17%)
- Magenta (26%)
- Yellow (20%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 10.763, 336.335 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, 10.763, 336.335 by changing the saturation by 10% instead.





 79, 10.763,  
336.335


 79, 10.763,  
336.335


 100, 10.763,  
336.335


 69, 10.763,  
336.335


 99, 10.763,  
336.335

 59, 10.763,  
336.335

 49, 10.763,  
336.335

 39, 10.763,  
336.335

 29, 10.763,  
336.335

 19, 10.763,  
336.335

 9, 10.763, 336.335

0, 10.763, 336.335

79, 10.763,  
336.335

79, 10.763,  
336.335

74, 21.708,  
337.108

85, 0.038, 165.221

68, 32.641,  
337.926

90, 10.590,  
155.042

64, 43.307,  
338.810

96, 20.844,  
154.407

59, 53.350,  
339.783

96, 19.507,  
161.013

55, 62.301,  
340.877

97, 17.379,  
170.146

52, 69.624,  
342.137

97, 15.769,  
181.417

■ 49, 74.816,  
343.634

■ 97, 14.850,  
194.605

■ 48, 77.570,  
345.454

■ 97, 14.738,  
198.524

■ 47, 78.223,  
347.640

# Harmonies

# Complementary

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



79, 10.763, 336.335



83, 10.695, 154.979

# Rectangle

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



79, 10.763, 336.335



79, 10.763, 26.335



79, 10.763, 156.335



79, 10.763, 206.335

# Sweetspot

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



79, 10.761, 336.337



98, 3.763, 335.767



78, 11.569, 303.603



52, 2.854, 335.847



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, 10.761, 336.337



92, 15.158, 336.503



79, 8.070, 6.673



41, 6.088, 336.295



37, 66.347, 347.242



5, 24.109, 342.933



# Inverse Universe

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



79, 10.761, 336.337



92, 15.158, 336.503



83, 7.729, 185.038



41, 6.088, 336.295



37, 66.347, 347.242



5, 24.109, 342.933



# Previews

## White Background



This preview shows how the CIELCh color 79, 10.763, 336.335 looks on a white background.

## Color Contrast Check

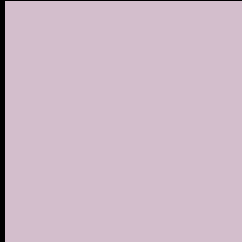
Large Text (above 18pt) WCAG AA × Fail

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, 10.763, 336.335 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, 10.763, 336.335

## Background



This preview shows how black text looks on a background with the CIELCh color 79, 10.763, 336.335.



This preview shows how white text looks on a background with the CIELCh color 79, 10.763, 336.335.

# 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, 10.763, 336.335

### Protanopia

79, 6.430, 293.958

### Deuteranopia

79, 10.763, 336.335





**Tritanopia**  
79, 11.135, 334.354

# Trichromacy



**Original Color**  
79, 10.763, 336.335

**Protanomaly**  
79, 7.564, 313.233

**Deuteranomaly**  
79, 10.763, 336.335

**Tritanomaly**  
79, 11.135, 334.354

# Monochromacy



**Original Color**  
79, 10.763, 336.335

**Achromatopsia**  
80, 0.010, 296.813

**Achromatomaly**  
80, 3.989, 337.679

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 79, 10.763, 336.335 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(211, 190, 204)` looks like.

```
.text, #text, p{  
    color:rgb(211, 190, 204)  
}
```

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(211, 190, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 190, 204) }
```

## Border

The CSS property to change the border of an element to CIELCh 79, 10.763, 336.335 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(211, 190, 204) }
```

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

```
.border{ border-color:rgb(211, 190, 204) }
```

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

Here you see how a box with a 4 pixel rgb(211, 190, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 190, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 190, 204);  
box-shadow:4px 4px 4px 4px rgb(211, 190,  
204) }
```

# Background

The CSS property to change the background color of an element to CIELCh 79, 10.763, 336.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 190, 204) }
```

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

```
.background{ background-color: rgb(211,  
190, 204) }
```

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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