

Converting Colors

CIELCh(79, 10.168, 287.953)

Have a look what the booklet for
CIELCh(79, 10.168, 287.953)
contains.

CIELCh(79, 10.161, 289.113)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 10.161, 289.113)

Conversions

Conversions Part 1

Format	Color
Hex	C1C2D5
RGB	193, 194, 213
RGB Percent	76%, 76%, 84%
CMY	0.2419, 0.2379, 0.1634
CMYK	0.09, 0.09, 0.00, 0.16
HSL	237°, 19%, 80%
HSV	237°, 9%, 84%
XYZ	53.4907, 54.9284, 70.9532
YIQ	195.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

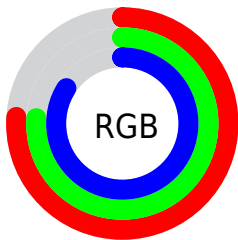
Format	Color
R_{YB}	193, 194, 213
Decimal	12698325
CIE _{Lab}	79.00, 3.33, -9.60
CIE _{LCh}	79, 10.161, 289.113
Yxy	54.9284, 0.2982, 0.3062
Android (android.graphics.Color)	4290888405 (0xFFC1C2D5)
YUV	195.8670, 8.4466, -2.5144
Hunter-Lab	74.1137, -0.8686, -4.8821

Details

The CIELCh color **79, 10.161, 289.113** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 9.960, 107.155**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 2.558, 290.399**, and **59, 10.219, 289.278** is the 20% darker color. If you saturate the color by 10%, you get **72, 21.394, 290.350**, and if you desaturate by 10%, it is **86, 0.651, 107.902**.

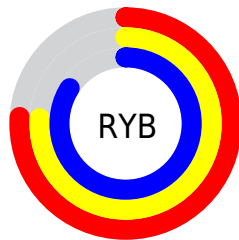
Distribution



Red (76%)

Green (76%)

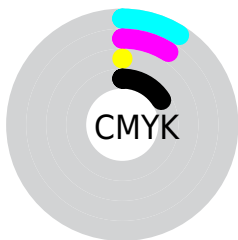
Blue (84%)



Red (76%)

Yellow (76%)

Blue (84%)

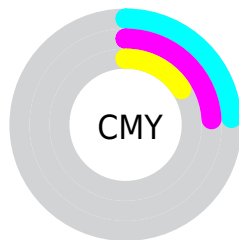


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (16%)



Cyan (24%)

Magenta (24%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 10.161, 289.113 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, 10.161, 289.113 by changing the saturation by 10% instead.

■ 79, 10.161,
289.113

■ 79, 10.161,
289.113

■ 100, 10.161,
289.113

■ 69, 10.161,
289.113

■ 99, 10.161,
289.113

■ 59, 10.161,
289.113

■ 49, 10.161,
289.113

■ 39, 10.161,
289.113

■ 29, 10.161,
289.113

■ 19, 10.161,
289.113

■ 9, 10.161, 289.113

0, 10.161, 289.113

79, 10.161,
289.113

79, 10.161,
289.113

72, 21.394,
290.350

86, 0.651, 107.902

65, 33.088,
291.816

93, 11.069,
107.127

58, 45.275,
293.532

99, 21.056,
108.583

52, 57.961,
295.514

45, 71.073,
297.741

39, 84.321,
300.122

■ 34, 96.969,
302.460

■ 30, 107.615,
304.445

■ 27, 114.547,
305.736

Harmonies

Complementary

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



79, 10.161, 289.113



85, 9.960, 107.155

Rectangle

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



79, 10.161, 289.113



79, 10.161, 339.113



79, 10.161, 109.113



79, 10.161, 159.113

Sweetspot

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



79, 10.159, 289.107



98, 3.719, 288.433



84, 7.129, 193.293



52, 2.822, 288.512



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, 10.159, 289.107



91, 13.817, 289.308



79, 11.171, 307.150



41, 6.169, 289.112



21, 96.774, 305.626



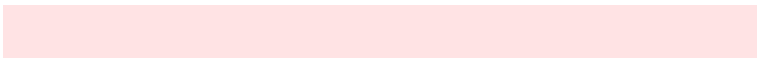
2, 26.613, 292.921

Inverse Universe

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



80, 7.498, 15.869



92, 10.229, 16.027



84, 11.000, 126.274



42, 4.554, 15.874



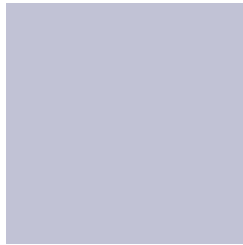
35, 75.264, 37.835



5, 21.968, 17.532

Previews

White Background



This preview shows how the CIELCh color 79, 10.161, 289.113 looks on a white background.

Color Contrast Check

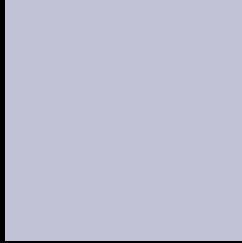
Large Text (above 18pt) WCAG AA × Fail

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, 10.161, 289.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

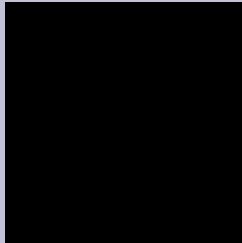
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

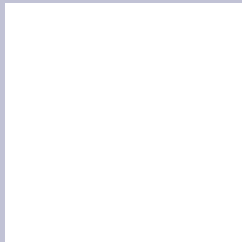
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 10.161, 289.113

Background



This preview shows how black text looks on a background with the CIELCh color 79, 10.161, 289.113.

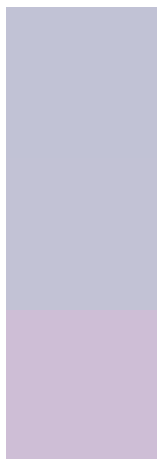


This preview shows how white text looks on a background with the CIELCh color 79, 10.161, 289.113.

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

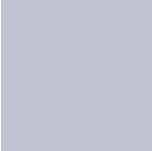
79, 10.161, 289.113

Protanopia

79, 10.160, 291.098

Deuteranopia

79, 14.119, 315.124



Tritanopia
79, 8.036, 285.845

Trichromacy



Original Color
79, 10.161, 289.113

Protanomaly
79, 10.160, 291.098

Deuteranomaly
79, 12.242, 306.340

Tritanomaly
79, 8.567, 286.217

Monochromacy



Original Color
79, 10.161, 289.113

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 3.745, 290.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 10.161, 289.113 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(193, 194, 213)` looks like.

```
.text, #text, p{  
    color:rgb(193, 194, 213)  
}
```

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(193, 194, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 194, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 10.161, 289.113 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(193, 194, 213) }
```

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

```
.border{ border-color:rgb(193, 194, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 194, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 194, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 194, 213);  
box-shadow:4px 4px 4px 4px rgb(193, 194,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 10.161, 289.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 194, 213) }
```

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

```
.background{ background-color: rgb(193,  
194, 213) }
```

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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