

Converting Colors

CIELCh(79, 1.284, 289.674)

Have a look what the booklet for
CIELCh(79, 1.284, 289.674) contains.

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Color

CIELCh(79, 1.610, 290.363)

Conversions

Conversions Part 1

Format	Color
Hex	C3C3C6
RGB	195, 195, 198
RGB Percent	76%, 76%, 78%
CMY	0.2339, 0.2339, 0.2222
CMYK	0.02, 0.02, 0.00, 0.22
HSL	240°, 3%, 77%
HSV	240°, 2%, 78%
XYZ	52.4224, 54.9284, 61.4764
YIQ	195.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

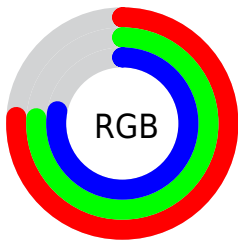
Format	Color
RYB	195, 195, 198
Decimal	12829638
CIELab	79.00, 0.56, -1.51
CIELCh	79, 1.610, 290.363
Yxy	54.9284, 0.3105, 0.3254
Android (android.graphics.Color)	4291019718 (0xFFC3C3C6)
YUV	195.3420, 1.3104, -0.2999
Hunter-Lab	74.1137, -3.4417, 2.6993

Details

The CIELCh color $79, 1.610, 290.363$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 1.584, 109.951$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 1.537, 290.342$, and $59, 1.707, 290.403$ is the 20% darker color. If you saturate the color by 10%, you get $72, 12.422, 291.341$, and if you desaturate by 10%, it is $86, 8.790, 109.376$.

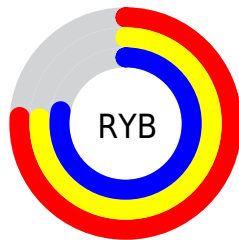
Distribution



Red (76%)

Green (76%)

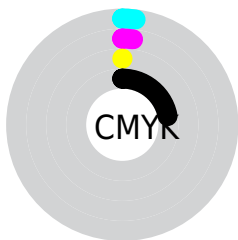
Blue (78%)



Red (76%)

Yellow (76%)

Blue (78%)

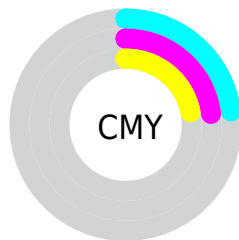


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (22%)



Cyan (23%)

Magenta (23%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 1.610, 290.363 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, 1.610, 290.363 by changing the saturation by 10% instead.

■ 79, 1.610, 290.363

■ 79, 1.610, 290.363

100, 1.610,
290.363

■ 69, 1.610, 290.363

■ 99, 1.610, 290.363

■ 59, 1.610, 290.363

■ 49, 1.610, 290.363

■ 39, 1.610, 290.363

■ 29, 1.610, 290.363

■ 19, 1.610, 290.363

■ 9, 1.610, 290.363

■ 0, 1.610, 290.363

■ 79, 1.610, 290.363

■ 79, 1.610, 290.363

72, 12.422,
291.341

86, 8.790, 109.376

66, 23.687,
292.584

92, 18.803,
108.618

59, 35.437,
294.048

99, 28.458,
107.967

52, 47.692,
295.756

99, 28.558,
108.008

46, 60.425,
297.709

39, 73.465,
299.859

34, 86.312,
302.068

29, 97.860,
304.076

26, 106.363,

305.540

Harmonies

Complementary

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



79, 1.610, 290.363



80, 1.584, 109.951

Rectangle

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



79, 1.610, 290.363



79, 1.610, 340.363



79, 1.610, 110.363



79, 1.610, 160.363

Sweetspot

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



79, 1.608, 290.320

100, 0.012, 296.813



80, 1.093, 198.427



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 1.608, 290.320



98, 2.606, 290.360



79, 1.702, 308.484



41, 1.208, 290.347



19, 95.774, 306.272



1, 21.493, 291.719

Inverse Universe

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



79, 1.105, 18.911



99, 1.795, 19.068



80, 1.680, 128.485



42, 0.831, 19.029



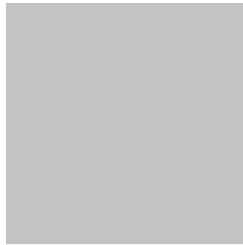
34, 74.600, 39.733



3, 15.885, 19.348

Previews

White Background



This preview shows how the CIELCh color 79, 1.610, 290.363 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, 1.610, 290.363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

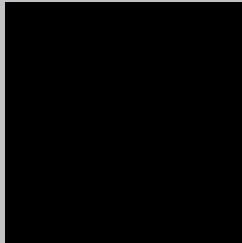
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

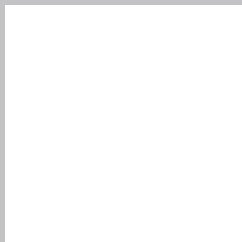
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 1.610, 290.363

Background



This preview shows how black text looks on a background with the CIELCh color 79, 1.610, 290.363.

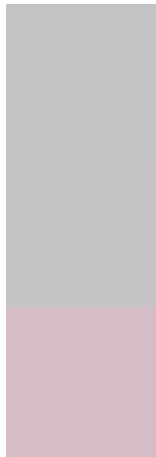


This preview shows how white text looks on a background with the CIELCh color 79, 1.610, 290.363.

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, 1.610, 290.363

Protanopia

79, 1.960, 324.394

Deuteranopia

79, 10.659, 346.905



Tritanopia
79, 8.109, 298.494

Trichromacy



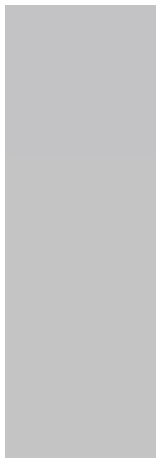
Original Color
79, 1.610, 290.363

Protanomaly
79, 1.777, 314.636

Deuteranomaly
79, 7.310, 344.234

Tritanomaly
79, 5.940, 297.674

Monochromacy



Original Color
79, 1.610, 290.363

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 0.543, 290.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 1.610, 290.363 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(195, 195, 198)` looks like.

```
.text, #text, p{  
    color:rgb(195, 195, 198)  
}
```

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(195, 195, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 195, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 1.610, 290.363 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(195, 195, 198) }
```

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

```
.border{ border-color:rgb(195, 195, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 195, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 195, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 195, 198); box-shadow:4px 4px 4px 4px rgb(195, 195, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 1.610, 290.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 195, 198) }
```

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

```
.background{ background-color: rgb(195,  
195, 198) }
```

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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