

Converting Colors

CIELCh(79, 1.964, 290.397)

Have a look what the booklet for
CIELCh(79, 1.964, 290.397) contains.

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Color

CIELCh(79, 2.144, 290.401)

Conversions

Conversions Part 1

Format	Color
Hex	C3C3C7
RGB	195, 195, 199
RGB Percent	76%, 76%, 78%
CMY	0.2342, 0.2342, 0.2185
CMYK	0.02, 0.02, 0.00, 0.22
HSL	240°, 3%, 77%
HSV	240°, 2%, 78%
XYZ	52.4942, 54.9284, 62.0361
YIQ	195.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

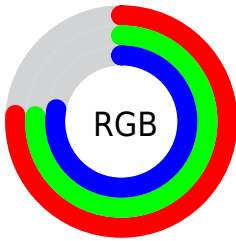
Format	Color
RYB	195, 195, 199
Decimal	12829639
CIELab	79.00, 0.75, -2.01
CIELCh	79, 2.144, 290.401
Yxy	54.9284, 0.3098, 0.3241
Android (android.graphics.Color)	4291019719 (0xFFC3C3C7)
YUV	195.4560, 1.7472, -0.3999
Hunter-Lab	74.1137, -3.2687, 2.2515

Details

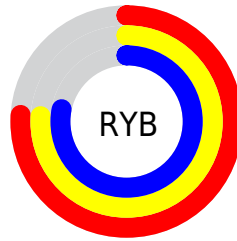
The CIELCh color `79, 2.144, 290.401` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 2.114, 109.925`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 1.537, 290.342`, and `59, 2.274, 290.461` is the 20% darker color. If you saturate the color by 10%, you get `72, 13.022, 291.408`, and if you desaturate by 10%, it is `86, 8.318, 109.428`.

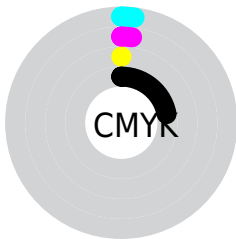
Distribution



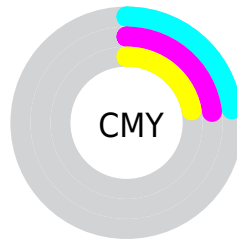
- Red (76%)
- Green (76%)
- Blue (78%)



- 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, 2.144, 290.401 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, 2.144, 290.401 by changing the saturation by 10% instead.

■ 79, 2.144, 290.401

■ 79, 2.144, 290.401

100, 2.144,
290.401

■ 69, 2.144, 290.401

■ 99, 2.144, 290.401

■ 59, 2.144, 290.401

■ 49, 2.144, 290.401

■ 39, 2.144, 290.401

■ 29, 2.144, 290.401

■ 19, 2.144, 290.401

■ 9, 2.144, 290.401

■ 0, 2.144, 290.401

■ 79, 2.144, 290.401

■ 79, 2.144, 290.401

72, 13.022,
291.408

86, 8.318, 109.428

66, 24.356,
292.662

92, 18.390,
108.663

59, 36.180,
294.138

99, 28.095,
108.043

52, 48.511,
295.859

46, 61.318,
297.824

39, 74.417,
299.982

34, 87.280,
302.187

29, 98.759,
304.174

26, 107.076,

Harmonies

Complementary

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



79, 2.144, 290.401



80, 2.114, 109.925

Rectangle

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



79, 2.144, 290.401



79, 2.144, 340.401



79, 2.144, 110.401



79, 2.144, 160.401

Sweetspot

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



79, 2.142, 290.369



99, 1.307, 290.302



80, 1.455, 198.275



53, 0.743, 290.300



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, 2.142, 290.369



98, 2.607, 290.371



79, 2.266, 308.522



41, 1.208, 290.358



19, 95.788, 306.276



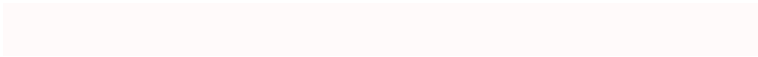
1, 21.497, 291.726

Inverse Universe

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



79, 1.475, 19.085



99, 1.795, 19.090



80, 2.241, 128.447



42, 0.831, 19.051



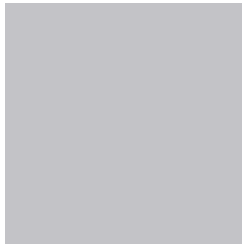
34, 74.611, 39.743



3, 15.885, 19.362

Previews

White Background



This preview shows how the CIELCh color 79, 2.144, 290.401 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, 2.144, 290.401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

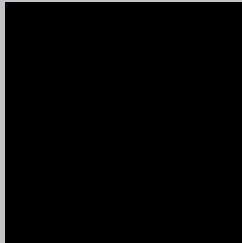
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 2.144, 290.401

Background



This preview shows how black text looks on a background with the CIELCh color 79, 2.144, 290.401.

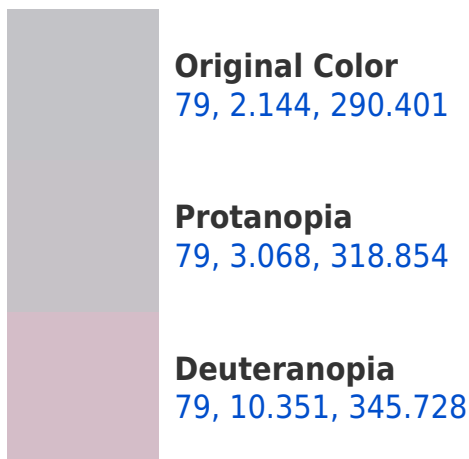


This preview shows how white text looks on a background with the CIELCh color 79, 2.144, 290.401.

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, 8.109, 298.494

Trichromacy



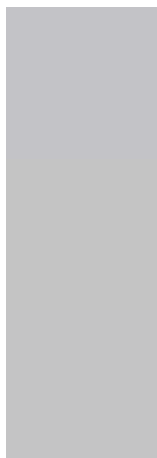
Original Color
79, 2.144, 290.401

Protanomaly
79, 2.908, 312.535

Deuteranomaly
79, 7.348, 339.125

Tritanomaly
79, 5.940, 297.674

Monochromacy



Original Color
79, 2.144, 290.401

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, 2.144, 290.401 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(195, 195, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 195, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 2.144, 290.401 is called "border". The border property can be set on classes, ids or directly on the HTML element.

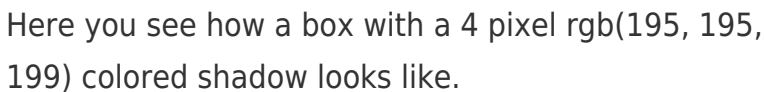
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 195, 199) }
```

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

```
.border{ border-color:rgb(195, 195, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 195, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 195, 199); box-shadow:4px 4px 4px 4px rgb(195, 195, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 2.144, 290.401 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, 199) }
```

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

```
.background{ background-color: rgb(195,  
195, 199) }
```

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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