

Converting Colors

CIELCh(79, 8.990, 290.990)

Have a look what the booklet for
CIELCh(79, 8.990, 290.990) contains.

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Color

CIELCh(79, 9.092, 291.004)

Conversions

Conversions Part 1

Format	Color
Hex	C2C2D3
RGB	194, 194, 211
RGB Percent	76%, 76%, 83%
CMY	0.2381, 0.2381, 0.1715
CMYK	0.08, 0.08, 0.00, 0.17
HSL	240°, 16%, 80%
HSV	240°, 8%, 83%
XYZ	53.4642, 54.9284, 69.5957
YIQ	195.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

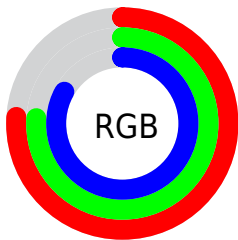
Format	Color
R_YB	194, 194, 211
Decimal	12763859
CIE Lab	79.00, 3.26, -8.49
CIE LCh	79, 9.092, 291.004
Yxy	54.9284, 0.3004, 0.3086
Android (android.graphics.Color)	4290953939 (0xFFC2C2D3)
YUV	195.9380, 7.4256, -1.6996
Hunter-Lab	74.1137, -0.9324, -3.7961

Details

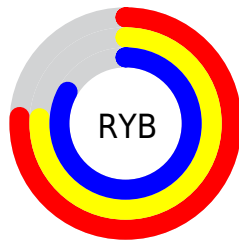
The CIELCh color `79, 9.092, 291.004` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84, 8.917, 109.394`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 2.586, 298.122`, and `59, 9.085, 291.221` is the 20% darker color. If you saturate the color by 10%, you get `72, 20.794, 292.175`, and if you desaturate by 10%, it is `86, 2.149, 109.958`.

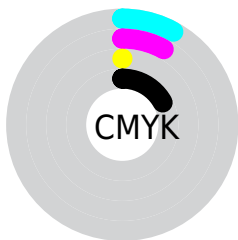
Distribution



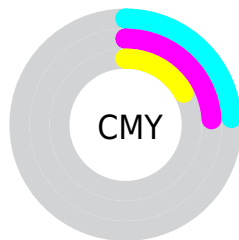
- Red (76%)
- Green (76%)
- Blue (83%)



- Red (76%)
- Yellow (76%)
- Blue (83%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (24%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 9.092, 291.004 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, 9.092, 291.004 by changing the saturation by 10% instead.

■ 79, 9.092, 291.004

■ 79, 9.092, 291.004

■ 100, 9.092,
291.004

■ 69, 9.092, 291.004

■ 99, 9.092, 291.004

■ 59, 9.092, 291.004

■ 49, 9.092, 291.004

■ 39, 9.092, 291.004

■ 29, 9.092, 291.004

■ 19, 9.092, 291.004

■ 9, 9.092, 291.004

■ 0, 9.092, 291.004

■ 79, 9.092, 291.004

■ 79, 9.092, 291.004

72, 20.794,
292.175

86, 2.149, 109.958

65, 33.000,
293.566

93, 12.959,
109.135

58, 45.736,
295.197

99, 22.086,
108.504

51, 58.998,
297.078

44, 72.668,
299.181

38, 86.356,
301.399

32, 99.117,
303.509

28, 109.265,
305.178

26, 115.179,

Harmonies

Complementary

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



79, 9.092, 291.004



84, 8.917, 109.394

Rectangle

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



79, 9.092, 291.004



79, 9.092, 341.004



79, 9.092, 111.004



79, 9.092, 161.004

Sweetspot

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



79, 9.090, 290.997



98, 2.609, 290.397



83, 6.041, 197.637



52, 1.483, 290.389



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, 9.090, 290.997



92, 13.209, 291.224



80, 9.584, 308.835



40, 6.371, 291.145



19, 98.021, 306.285



1, 25.553, 293.212

Inverse Universe

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



80, 6.345, 19.807



93, 9.259, 19.971



84, 9.465, 128.138



41, 4.460, 19.915



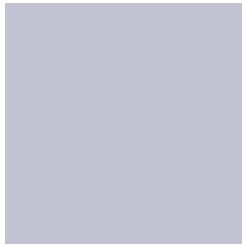
35, 76.449, 39.858



4, 20.018, 19.460

Previews

White Background



This preview shows how the CIELCh color 79, 9.092, 291.004 looks on a white background.

Color Contrast Check

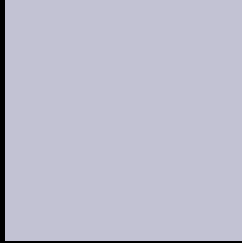
Large Text (above 18pt) WCAG AA × Fail

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, 9.092, 291.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

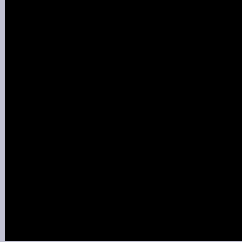
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

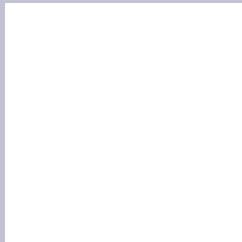
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 9.092, 291.004

Background



This preview shows how black text looks on a background with the CIELCh color 79, 9.092, 291.004.

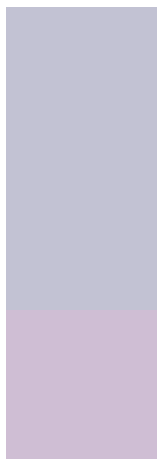


This preview shows how white text looks on a background with the CIELCh color 79, 9.092, 291.004.

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, 9.092, 291.004

Protanopia

79, 9.092, 291.004

Deuteranopia

79, 13.317, 318.423



Tritanopia
79, 8.018, 288.370

Trichromacy



Original Color
79, 9.092, 291.004

Protanomaly
79, 9.092, 291.004

Deuteranomaly
79, 11.326, 309.479

Tritanomaly
79, 8.018, 288.370

Monochromacy



Original Color
79, 9.092, 291.004

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, 9.092, 291.004 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(194, 194, 211)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 211)  
}
```

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(194, 194, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 9.092, 291.004 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(194, 194, 211) }
```

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

```
.border{ border-color:rgb(194, 194, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 194, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 211);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 9.092, 291.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 194, 211) }
```

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

```
.background{ background-color: rgb(194,  
194, 211) }
```

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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