

Converting Colors

CIELCh(79, 12.392, 299.988)

Have a look what the booklet for
CIELCh(79, 12.392, 299.988)
contains.

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Color

CIELCh(79, 12.456, 299.403)

Conversions

Conversions Part 1

Format	Color
Hex	C6C1D8
RGB	198, 193, 216
RGB Percent	78%, 76%, 85%
CMY	0.2246, 0.2442, 0.1540
CMYK	0.08, 0.11, 0.00, 0.15
HSL	253°, 23%, 80%
HSV	253°, 11%, 85%
XYZ	54.5819, 54.9284, 72.4996
YIQ	197.1170, -4.4030, 8.2130

Conversions

Conversions Part 2

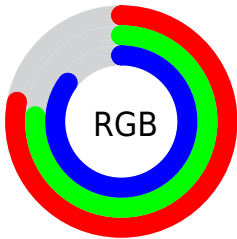
Format	Color
R_{YB}	198, 193, 216
Decimal	13025752
CIE Lab	79.00, 6.12, -10.85
CIE LCh	79, 12.456, 299.403
Yxy	54.9284, 0.2999, 0.3018
Android (android.graphics.Color)	4291215832 (0xFFC6C1D8)
YUV	197.1170, 9.3093, 0.7744
Hunter-Lab	74.1137, 1.7595, -6.1192

Details

The CIELCh color **79, 12.456, 299.403** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 12.175, 117.960**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.736, 324.489**, and **59, 12.029, 298.577** is the 20% darker color. If you saturate the color by 10%, you get **72, 24.595, 300.208**, and if you desaturate by 10%, it is **86, 0.764, 298.676**.

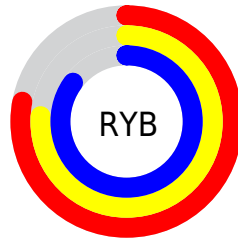
Distribution



Red (78%)

Green (76%)

Blue (85%)



Red (78%)

Yellow (76%)

Blue (85%)

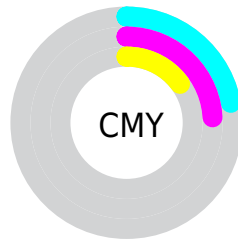


Cyan (8%)

Magenta (11%)

Yellow (0%)

Black (15%)



Cyan (22%)


Magenta (24%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 12.456, 299.403 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, 12.456, 299.403 by changing the saturation by 10% instead.

 79, 12.456,
299.403

 79, 12.456,
299.403


 100, 12.456,
299.403

 69, 12.456,
299.403

 99, 12.456,
299.403

 59, 12.456,
299.403

 49, 12.456,
299.403

 39, 12.456,
299.403

 29, 12.456,
299.403

 19, 12.456,
299.403

 9, 12.456, 299.403

■ 0, 12.456, 299.403

■ 79, 12.456,
299.403

■ 79, 12.456,
299.403

■ 72, 24.595,
300.208

■ 86, 0.764, 298.676

■ 65, 37.196,
301.131

■ 93, 10.495,
118.098

■ 59, 50.232,
302.172

■ 99, 20.031,
115.662

■ 52, 63.610,
303.314

■ 99, 19.855,
108.675

■ 46, 77.091,
304.515

■ 40, 90.160,
305.683

■ 35, 101.867,
306.659

■ 31, 110.811,
307.226

■ 28, 116.031,
307.338

Harmonies

Complementary

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



79, 12.456, 299.403



85, 12.175, 117.960

Rectangle

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



79, 12.456, 299.403



79, 12.456, 349.403



79, 12.456, 119.403



79, 12.456, 169.403

Sweetspot

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



79, 12.454, 299.400



98, 3.966, 298.852



83, 6.793, 221.909



52, 3.009, 298.908



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, 12.454, 299.400



90, 17.478, 299.589



80, 13.670, 316.693



41, 6.579, 299.307



21, 97.356, 307.452



2, 27.879, 299.429

Inverse Universe

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



80, 12.753, 331.788



92, 17.844, 331.953



84, 13.557, 135.808



42, 6.747, 331.704



38, 72.445, 339.149



6, 28.086, 336.707

Previews

White Background



This preview shows how the CIELCh color 79, 12.456, 299.403 looks on a white background.

Color Contrast Check

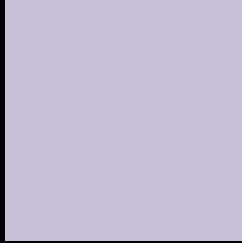
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 79, 12.456, 299.403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

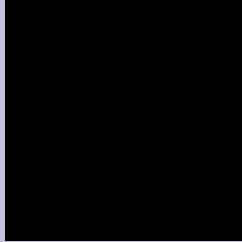
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

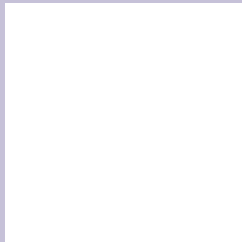
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 12.456, 299.403

Background



This preview shows how black text looks on a background with the CIELCh color 79, 12.456, 299.403.



This preview shows how white text looks on a background with the CIELCh color 79, 12.456, 299.403.

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, 12.456, 299.403

Protanopia

79, 12.296, 289.661

Deuteranopia

79, 14.966, 312.214



Tritanopia
79, 8.109, 298.494

Trichromacy



Original Color
79, 12.456, 299.403

Protanomaly
79, 12.307, 292.914

Deuteranomaly
79, 13.990, 307.499

Tritanomaly
79, 9.169, 297.678

Monochromacy



Original Color
79, 12.456, 299.403

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 4.877, 299.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 12.456, 299.403 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(198, 193, 216)` looks like.

```
.text, #text, p{  
    color:rgb(198, 193, 216)  
}
```

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(198, 193, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 193, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 12.456, 299.403 is called "border". The border property can be set on classes, ids or directly on the HTML element.

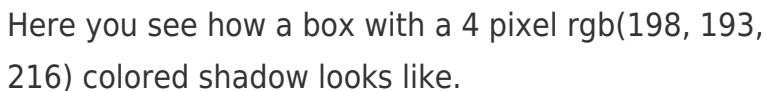
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 193, 216) }
```

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

```
.border{ border-color:rgb(198, 193, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 193, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 193, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 193, 216); box-shadow:4px 4px 4px 4px rgb(198, 193, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 12.456, 299.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 193, 216) }
```

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

```
.background{ background-color: rgb(198,  
193, 216) }
```

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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