

Converting Colors

CIELCh(79, 4.034, 22.412)

Have a look what the booklet for
CIELCh(79, 4.034, 22.412) contains.

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Color

CIELCh(79, 4.089, 19.597)

Conversions

Conversions Part 1

Format	Color
Hex	CCC1C1
RGB	204, 193, 193
RGB Percent	80%, 76%, 76%
CMY	0.1994, 0.2425, 0.2425
CMYK	0.00, 0.05, 0.05, 0.20
HSL	0°, 10%, 78%
HSV	0°, 5%, 80%
XYZ	53.6951, 54.9284, 58.3179
YIQ	196.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

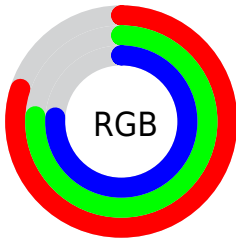
Format	Color
RYB	204, 193, 193
Decimal	13418945
CIELab	79.00, 3.85, 1.37
CIElCh	79, 4.089, 19.597
Yxy	54.9284, 0.3216, 0.3290
Android (android.graphics.Color)	4291609025 (0xFFCCC1C1)
YUV	196.2890, -1.6215, 6.7625
Hunter-Lab	74.1137, -0.3764, 5.2260

Details

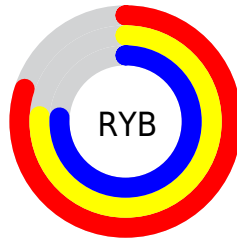
The CIELCh color **79, 4.089, 19.597** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 3.952, 199.279**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 2.114, 19.235**, and **59, 3.952, 19.693** is the 20% darker color. If you saturate the color by 10%, you get **73, 12.141, 20.439**, and if you desaturate by 10%, it is **85, 3.361, 199.362**.

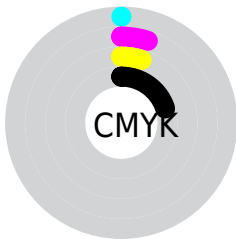
Distribution



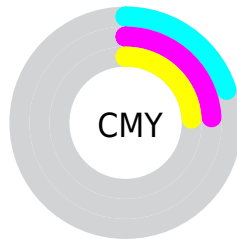
- Red (80%)
- Green (76%)
- Blue (76%)



- Red (80%)
- Yellow (76%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 4.089, 19.597 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, 4.089, 19.597 by changing the saturation by 10% instead.

■ 79, 4.089, 19.597

■ 79, 4.089, 19.597

■ 100, 4.089, 19.597

■ 69, 4.089, 19.597

■ 99, 4.089, 19.597

■ 59, 4.089, 19.597

■ 49, 4.089, 19.597

■ 39, 4.089, 19.597

■ 29, 4.089, 19.597

■ 19, 4.089, 19.597

■ 9, 4.089, 19.597

■ 0, 4.089, 19.597

■ 79, 4.089, 19.597

■ 79, 4.089, 19.597

73, 12.141, 20.439

85, 3.361, 199.362

68, 20.823, 21.396

91, 10.251,
198.804

63, 30.113, 22.628

96, 16.638,
198.429

58, 39.926, 24.235

53, 50.085, 26.328

97, 16.822,
198.389

49, 60.312, 29.002

46, 70.223, 32.263

44, 79.204, 35.832

43, 85.929, 38.832

Harmonies

Complementary

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



79, 4.089, 19.597



81, 3.952, 199.279

Rectangle

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



79, 4.089, 19.597



79, 4.089, 69.597



79, 4.089, 199.597



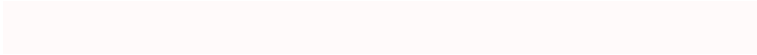
79, 4.089, 249.597

Sweetspot

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



79, 4.088, 19.623



99, 1.794, 19.185



79, 7.149, 324.699



53, 1.020, 19.160



0, 0.000, 0.000



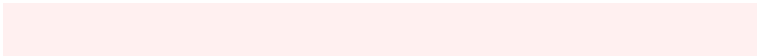
53, 0.007, 296.813

Same Dimension

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



79, 4.088, 19.623



96, 5.466, 19.683



80, 3.544, 74.664



41, 3.024, 19.725



34, 75.549, 39.827



4, 17.907, 19.421

Inverse Universe

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



81, 3.952, 199.279



99, 5.263, 199.226



80, 3.510, 256.199



43, 2.902, 199.190



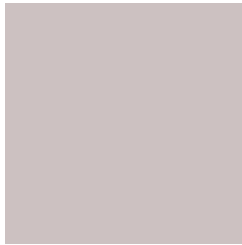
62, 36.284, 196.437



13, 13.509, 196.426

Previews

White Background



This preview shows how the CIELCh color 79, 4.089, 19.597 looks on a white background.

Color Contrast Check

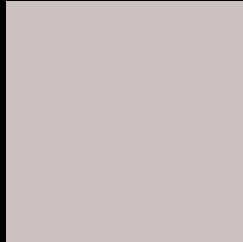
Large Text (above 18pt) WCAG AA × Fail

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, 4.089, 19.597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

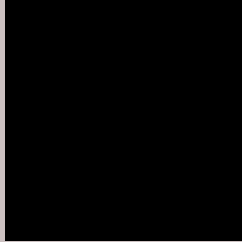
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

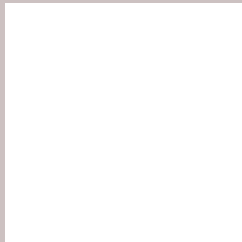
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 4.089, 19.597

Background



This preview shows how black text looks on a background with the CIELCh color 79, 4.089, 19.597.

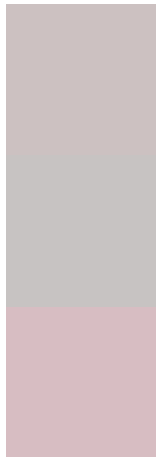


This preview shows how white text looks on a background with the CIELCh color 79, 4.089, 19.597.

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, 4.089, 19.597

Protanopia

79, 1.562, 39.080

Deuteranopia

79, 10.096, 4.938



Tritanopia
79, 9.742, 324.812

Trichromacy



Original Color
79, 4.089, 19.597

Protanomaly
79, 2.590, 19.401

Deuteranomaly
79, 7.641, 7.918

Tritanomaly
79, 6.803, 334.979

Monochromacy



Original Color
79, 4.089, 19.597

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.475, 19.154

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 4.089, 19.597 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(204, 193, 193)` looks like.

```
.text, #text, p{  
    color:rgb(204, 193, 193)  
}
```

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(204, 193, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 193, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 4.089, 19.597 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(204, 193, 193) }
```

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

```
.border{ border-color:rgb(204, 193, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 193, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 193, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 193, 193);  
box-shadow:4px 4px 4px 4px rgb(204, 193,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 4.089, 19.597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 193, 193) }
```

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

```
.background{ background-color: rgb(204,  
193, 193) }
```

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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