

Converting Colors

CIELCh(79, 4.578, 19.651)

Have a look what the booklet for
CIELCh(79, 4.578, 19.651) contains.

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Color

CIELCh(79, 4.465, 19.637)

Conversions

Conversions Part 1

Format	Color
Hex	CDC1C1
RGB	205, 193, 193
RGB Percent	80%, 76%, 76%
CMY	0.1963, 0.2434, 0.2434
CMYK	0.00, 0.06, 0.06, 0.20
HSL	0°, 11%, 78%
HSV	0°, 6%, 80%
XYZ	53.8329, 54.9284, 58.1790
YIQ	196.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

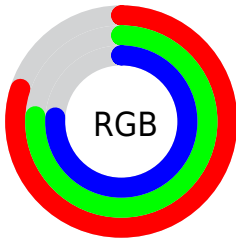
Format	Color
RYB	205, 193, 193
Decimal	13484481
CIELab	79.00, 4.21, 1.50
CIElCh	79, 4.465, 19.637
Yxy	54.9284, 0.3225, 0.3290
Android (android.graphics.Color)	4291674561 (0xFFCDC1C1)
YUV	196.5880, -1.7689, 7.3773
Hunter-Lab	74.1137, -0.0446, 5.3371

Details

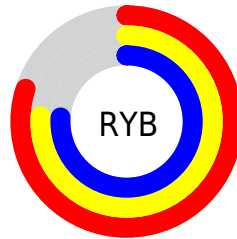
The CIELCh color **79, 4.465, 19.637** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 4.303, 199.239**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 2.114, 19.235**, and **59, 4.353, 19.744** is the 20% darker color. If you saturate the color by 10%, you get **73, 12.571, 20.476**, and if you desaturate by 10%, it is **85, 3.036, 199.400**.

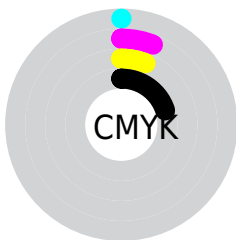
Distribution



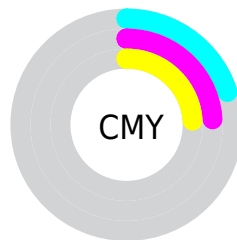
- Red (80%)
- Green (76%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 4.465, 19.637 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, 4.465, 19.637 by changing the saturation by 10% instead.

 79, 4.465, 19.637  79, 4.465, 19.637

 100, 4.465, 19.637  69, 4.465, 19.637

 99, 4.465, 19.637  59, 4.465, 19.637

 49, 4.465, 19.637


 39, 4.465, 19.637

 29, 4.465, 19.637

 19, 4.465, 19.637

 9, 4.465, 19.637

 0, 4.465, 19.637

 79, 4.465, 19.637  79, 4.465, 19.637

73, 12.571, 20.476

85, 3.036, 199.400

68, 21.310, 21.444

91, 9.972, 198.821

62, 30.657, 22.692

97, 16.401,
198.440

58, 40.521, 24.321

97, 16.582,
198.405

53, 50.722, 26.440

49, 60.975, 29.145

46, 70.888, 32.431

44, 79.826, 36.001

43, 86.421, 38.946

Harmonies

Complementary

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



79, 4.465, 19.637



81, 4.303, 199.239

Rectangle

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



79, 4.465, 19.637



79, 4.465, 69.637



79, 4.465, 199.637



79, 4.465, 249.637

Sweetspot

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



79, 4.464, 19.661



99, 1.794, 19.182



79, 7.794, 324.728



53, 1.020, 19.157



0, 0.000, 0.000



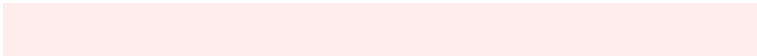
53, 0.007, 296.813

Same Dimension

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



79, 4.464, 19.661



95, 6.403, 19.764



81, 3.867, 74.616



41, 3.469, 19.799



34, 75.550, 39.827



4, 17.907, 19.419

Inverse Universe

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



81, 4.303, 199.239



99, 6.125, 199.150



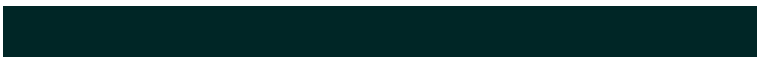
80, 3.825, 256.252



43, 3.310, 199.122



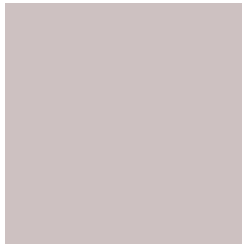
62, 36.286, 196.430



13, 13.509, 196.421

Previews

White Background



This preview shows how the CIELCh color 79, 4.465, 19.637 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, 4.465, 19.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

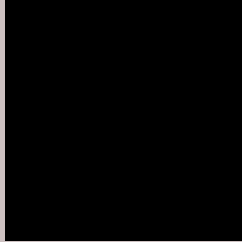
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

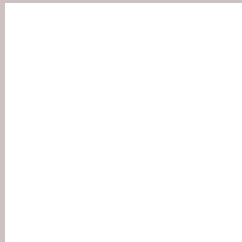
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 4.465, 19.637

Background



This preview shows how black text looks on a background with the CIELCh color 79, 4.465, 19.637.



This preview shows how white text looks on a background with the CIELCh color 79, 4.465, 19.637.

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, 4.465, 19.637

Protanopia

79, 1.562, 39.080

Deuteranopia

79, 10.096, 4.938



Tritanopia
79, 9.951, 326.571

Trichromacy



Original Color
79, 4.465, 19.637

Protanomaly
79, 2.590, 19.401

Deuteranomaly
79, 8.131, 4.845

Tritanomaly
79, 7.067, 337.127

Monochromacy



Original Color
79, 4.465, 19.637

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 1.473, 19.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 4.465, 19.637 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(205, 193, 193)` looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 193, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 193, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 4.465, 19.637 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(205, 193, 193) }
```

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

```
.border{ border-color:rgb(205, 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(205, 193, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 193, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 193, 193);  
box-shadow:4px 4px 4px 4px rgb(205, 193,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 4.465, 19.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 193, 193) }
```

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

```
.background{ background-color: rgb(205,  
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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