

Converting Colors

CIELCh(79, 4.150, 26.390)

Have a look what the booklet for
CIELCh(79, 4.150, 26.390) contains.

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Color

CIELCh(79, 4.127, 26.998)

Conversions

Conversions Part 1

Format	Color
Hex	CCC1C0
RGB	204, 193, 192
RGB Percent	80%, 76%, 75%
CMY	0.1991, 0.2422, 0.2462
CMYK	0.00, 0.05, 0.06, 0.20
HSL	5°, 11%, 78%
HSV	5°, 6%, 80%
XYZ	53.6270, 54.9284, 57.7788
YIQ	196.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

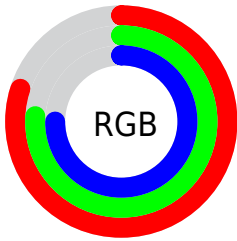
Format	Color
RYB	204, 193, 192
Decimal	13418944
CIELab	79.00, 3.68, 1.87
CIELCh	79, 4.127, 26.998
Yxy	54.9284, 0.3224, 0.3302
Android (android.graphics.Color)	4291609024 (0xFFCCC1C0)
YUV	196.1750, -2.0583, 6.8625
Hunter-Lab	74.1137, -0.5404, 5.6573

Details

The CIELCh color $79, 4.127, 26.998$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 3.975, 206.974$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 2.170, 32.783$, and $59, 3.999, 27.791$ is the 20% darker color. If you saturate the color by 10%, you get $74, 11.612, 27.526$, and if you desaturate by 10%, it is $84, 2.780, 207.087$.

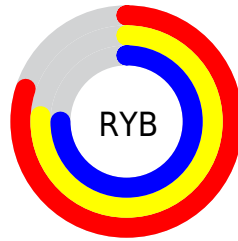
Distribution



Red (80%)

Green (76%)

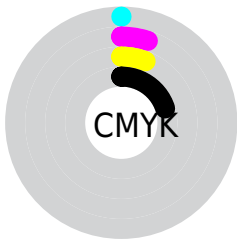
Blue (75%)



Red (80%)

Yellow (76%)

Blue (75%)

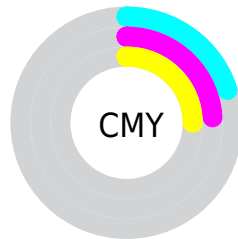


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 4.127, 26.998 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, 4.127, 26.998 by changing the saturation by 10% instead.

 79, 4.127, 26.998  79, 4.127, 26.998

 100, 4.127, 26.998  69, 4.127, 26.998


 99, 4.127, 26.998  59, 4.127, 26.998

 49, 4.127, 26.998

 39, 4.127, 26.998

 29, 4.127, 26.998

 19, 4.127, 26.998

 9, 4.127, 26.998

 0, 4.127, 26.998

 79, 4.127, 26.998  79, 4.127, 26.998

74, 11.612, 27.526

84, 2.780, 207.087

69, 19.718, 28.133

90, 9.158, 206.764

64, 28.458, 28.957

95, 15.064,
206.632

59, 37.801, 30.073

97, 16.799,
198.391

55, 47.649, 31.555

51, 57.811, 33.456

48, 67.949, 35.753

45, 77.411, 38.196

44, 84.792, 40.061

Harmonies

Complementary

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



79, 4.127, 26.998



81, 3.975, 206.974

Rectangle

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



79, 4.127, 26.998



79, 4.127, 76.998



79, 4.127, 206.998



79, 4.127, 256.998

Sweetspot

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



79, 4.126, 27.026



99, 1.655, 26.638



79, 7.369, 327.068



53, 0.941, 26.614



0, 0.000, 0.000



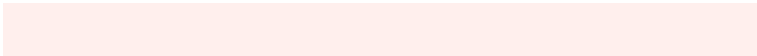
53, 0.007, 296.813

Same Dimension

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



79, 4.126, 27.026



96, 5.913, 27.093



81, 4.135, 83.062



41, 3.204, 27.114



35, 74.388, 40.935



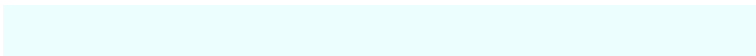
4, 17.055, 23.742

Inverse Universe

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



81, 3.975, 206.974



98, 5.652, 206.922



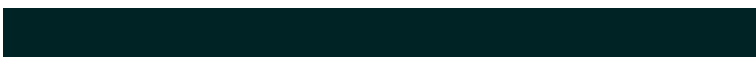
79, 4.120, 264.707



42, 3.054, 206.906



57, 32.797, 210.826



12, 12.420, 207.571

Previews

White Background



This preview shows how the CIELCh color 79, 4.127, 26.998 looks on a white background.

Color Contrast Check

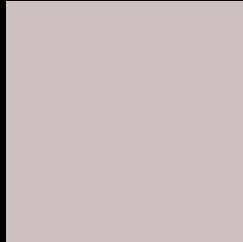
Large Text (above 18pt) WCAG AA × Fail

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, 4.127, 26.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

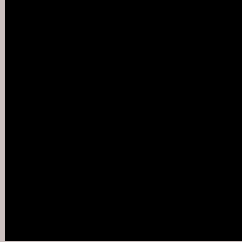
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 4.127, 26.998

Background



This preview shows how black text looks on a background with the CIELCh color 79, 4.127, 26.998.



This preview shows how white text looks on a background with the CIELCh color 79, 4.127, 26.998.

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, 4.127, 26.998

Protanopia

79, 2.123, 49.341

Deuteranopia

79, 9.985, 7.895



Tritanopia
79, 9.742, 324.812

Trichromacy



Original Color
79, 4.127, 26.998

Protanomaly
79, 3.010, 29.635

Deuteranomaly
79, 7.559, 11.869

Tritanomaly
79, 6.803, 334.979

Monochromacy



Original Color
79, 4.127, 26.998

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, 4.127, 26.998 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(204, 193, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 193, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 4.127, 26.998 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, 192) }
```

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

```
.border{ border-color:rgb(204, 193, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 193, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 193, 192);  
box-shadow:4px 4px 4px 4px rgb(204, 193,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 4.127, 26.998 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, 192) }
```

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

```
.background{ background-color: rgb(204,  
193, 192) }
```

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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