

Converting Colors

CIELCh(79, 3.990, 66.317)

Have a look what the booklet for
CIELCh(79, 3.990, 66.317) contains.

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Color

CIELCh(79, 3.987, 61.290)

Conversions

Conversions Part 1

Format	Color
Hex	CAC2BD
RGB	202, 194, 189
RGB Percent	79%, 76%, 74%
CMY	0.2071, 0.2385, 0.2581
CMYK	0.00, 0.04, 0.06, 0.21
HSL	23°, 11%, 77%
HSV	23°, 6%, 79%
XYZ	52.9438, 54.9284, 56.0583
YIQ	195.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

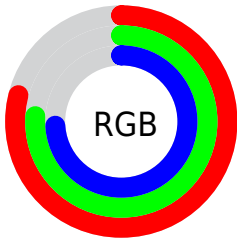
Format	Color
RYB	202, 197, 189
Decimal	13288125
CIELab	79.00, 1.92, 3.50
CIElCh	79, 3.987, 61.290
Yxy	54.9284, 0.3230, 0.3351
Android (android.graphics.Color)	4291478205 (0xFFCAC2BD)
YUV	195.8220, -3.3632, 5.4181
Hunter-Lab	74.1137, -2.1859, 7.0336

Details

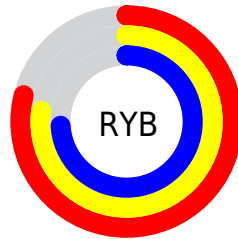
The CIELCh color $79, 3.987, 61.290$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 3.889, 242.839$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.077, 74.798$, and $59, 3.895, 54.976$ is the 20% darker color. If you saturate the color by 10%, you get $75, 10.525, 60.438$, and if you desaturate by 10%, it is $83, 2.155, 242.622$.

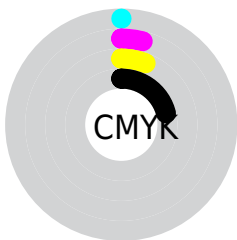
Distribution



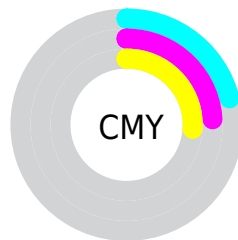
- Red (79%)
- Green (76%)
- Blue (74%)



- Red (79%)
- Yellow (77%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 3.987, 61.290 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, 3.987, 61.290 by changing the saturation by 10% instead.

■ 79, 3.987, 61.290

■ 79, 3.987, 61.290

■ 100, 3.987, 61.290

■ 69, 3.987, 61.290

■ 99, 3.987, 61.290

■ 59, 3.987, 61.290

■ 49, 3.987, 61.290

■ 39, 3.987, 61.290

■ 29, 3.987, 61.290

■ 19, 3.987, 61.290

■ 9, 3.987, 61.290

■ 0, 3.987, 61.290

■ 79, 3.987, 61.290

■ 79, 3.987, 61.290

75, 10.525, 60.438

83, 2.155, 242.622

72, 17.500, 59.524

86, 7.944, 243.438

68, 24.947, 58.642

90, 13.421,
244.376

65, 32.879, 57.807

94, 14.736,
221.517

61, 41.271, 57.022

97, 17.432,
198.350

58, 50.014, 56.260

55, 58.826, 55.433

53, 67.092, 54.324

50, 73.739, 52.534

Harmonies

Complementary

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



79, 3.987, 61.290



79, 3.889, 242.839

Rectangle

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



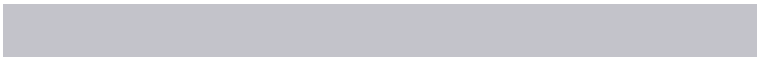
79, 3.987, 61.290



79, 3.987, 111.290



79, 3.987, 241.290



79, 3.987, 291.290

Sweetspot

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



79, 3.987, 61.324



99, 1.472, 61.494



78, 6.463, 338.278



53, 0.836, 61.485



0, 0.000, 0.000



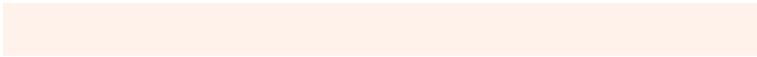
53, 0.007, 296.813

Same Dimension

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



79, 3.987, 61.324



96, 6.021, 61.186



81, 6.102, 104.291



41, 3.577, 61.074



41, 65.190, 52.474



7, 14.722, 44.693

Inverse Universe

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



79, 3.889, 242.839



97, 5.826, 243.003



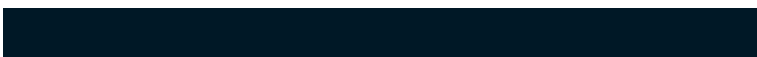
77, 6.181, 285.702



41, 3.440, 243.139



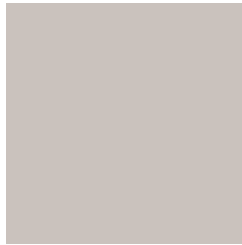
42, 41.153, 269.755



7, 13.118, 258.063

Previews

White Background



This preview shows how the CIELCh color 79, 3.987, 61.290 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, 3.987, 61.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

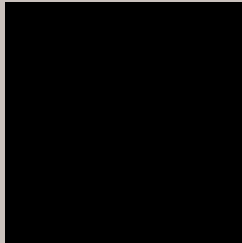
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

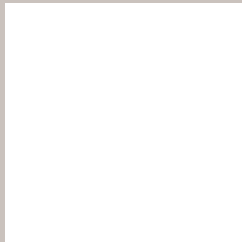
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 3.987, 61.290

Background



This preview shows how black text looks on a background with the CIELCh color 79, 3.987, 61.290.

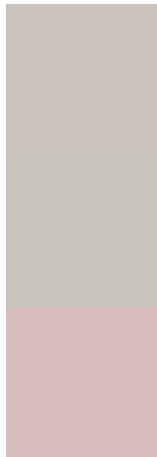


This preview shows how white text looks on a background with the CIELCh color 79, 3.987, 61.290.

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, 3.987, 61.290

Protanopia

79, 3.681, 79.404

Deuteranopia

79, 10.207, 17.204



Tritanopia
79, 9.343, 321.079

Trichromacy



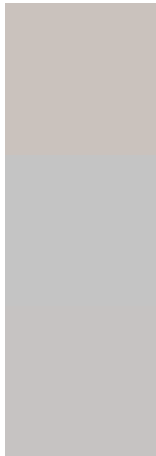
Original Color
79, 3.987, 61.290

Protanomaly
79, 3.882, 74.605

Deuteranomaly
79, 7.539, 23.965

Tritanomaly
79, 5.904, 333.504

Monochromacy



Original Color
79, 3.987, 61.290

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.220, 44.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 3.987, 61.290 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(202, 194, 189)` looks like.

```
.text, #text, p{  
    color:rgb(202, 194, 189)  
}
```

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(202, 194, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 194, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 3.987, 61.290 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(202, 194, 189) }
```

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

```
.border{ border-color:rgb(202, 194, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 194, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 194, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 194, 189);  
box-shadow:4px 4px 4px 4px rgb(202, 194,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 3.987, 61.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 194, 189) }
```

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

```
.background{ background-color: rgb(202,  
194, 189) }
```

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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