

Converting Colors

CIELCh(78, 7.919, 66.472)

Have a look what the booklet for
CIELCh(78, 7.919, 66.472) contains.

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Color

CIELCh(78, 7.818, 62.605)

Conversions

Conversions Part 1	
Format	Color
Hex	CDBEB4
RGB	205, 190, 180
RGB Percent	80%, 75%, 71%
CMY	0.1954, 0.2542, 0.2934
CMYK	0.00, 0.07, 0.12, 0.20
HSL	24°, 20%, 76%
HSV	24°, 12%, 80%
XYZ	51.9355, 53.2120, 50.8087
YIQ	193.3450, 12.1500, 0.0700

Conversions

Conversions Part 2

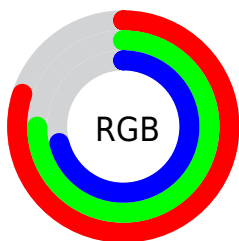
Format	Color
RYB	205, 197, 180
Decimal	13483700
CIELab	78.00, 3.60, 6.94
CIELCh	78, 7.818, 62.605
Yxy	53.2120, 0.3330, 0.3412
Android (android.graphics.Color)	4291673780 (0xFFCDBEB4)
YUV	193.3450, -6.5791, 10.2214
Hunter-Lab	72.9466, -0.5705, 9.7659

Details

The CIELCh color **78, 7.818, 62.605** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 7.440, 245.363**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 6.011, 77.215**, and **58, 8.063, 64.213** is the 20% darker color. If you saturate the color by 10%, you get **74, 14.692, 61.652**, and if you desaturate by 10%, it is **82, 1.356, 63.360**.

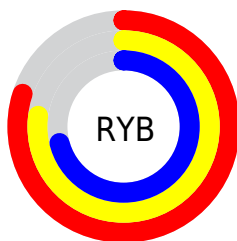
Distribution



Red (80%)

Green (75%)

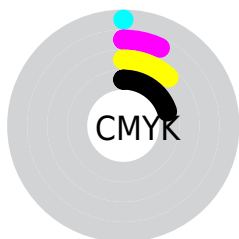
Blue (71%)



Red (80%)

Yellow (77%)

Blue (71%)

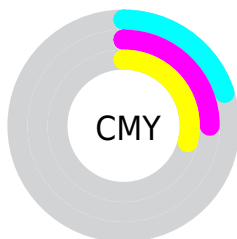


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (20%)



Cyan (20%)

Magenta (25%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 7.818, 62.605 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 78, 7.818, 62.605 by changing the saturation by 10% instead.

 78, 7.818, 62.605  78, 7.818, 62.605

 100, 7.818, 62.605  68, 7.818, 62.605

 98, 7.818, 62.605  58, 7.818, 62.605

 48, 7.818, 62.605

 38, 7.818, 62.605

 28, 7.818, 62.605

 18, 7.818, 62.605

 8, 7.818, 62.605

 0, 7.818, 62.605

 78, 7.818, 62.605  78, 7.818, 62.605


 74, 14.692, 61.652

 82, 1.356, 63.360


 71, 22.015, 60.691

 85, 4.736, 244.804

 67, 29.809, 59.764


 89, 10.499,
245.757

 64, 38.067, 58.878


 93, 13.693,
234.998

 61, 46.716, 58.018

 58, 55.555, 57.127

 96, 15.460,
204.759

 55, 64.122, 56.054

 97, 16.506,
198.410

 53, 71.511, 54.470

 51, 76.146, 52.868

Harmonies

Complementary

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



78, 7.818, 62.605



78, 7.440, 245.363

Rectangle

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



78, 7.818, 62.605



78, 7.818, 112.605



78, 7.818, 242.605



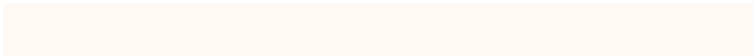
78, 7.818, 292.605

Sweetspot

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



78, 7.818, 62.623



98, 2.982, 63.325



76, 12.313, 339.530



52, 2.125, 63.277



0, 0.000, 0.000



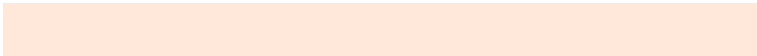
53, 0.007, 296.813

Same Dimension

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



78, 7.818, 62.623



93, 11.589, 62.333



81, 11.919, 104.527



41, 3.591, 62.887



41, 64.657, 53.468



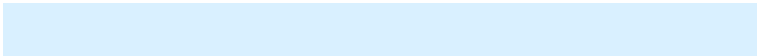
7, 14.641, 46.225

Inverse Universe

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



78, 7.440, 245.363



93, 10.878, 245.747



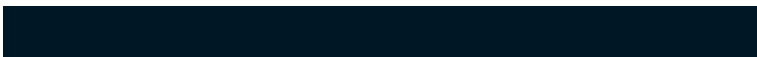
75, 12.182, 287.188



41, 3.460, 245.032



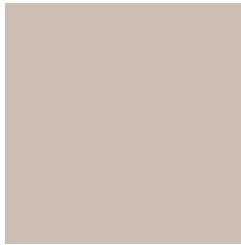
41, 42.416, 271.921



7, 13.360, 260.166

Previews

White Background



This preview shows how the CIELCh color 78, 7.818, 62.605 looks on a white background.

Color Contrast Check

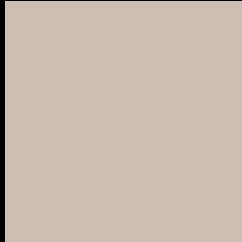
Large Text (above 18pt) WCAG AA × Fail

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 78, 7.818, 62.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

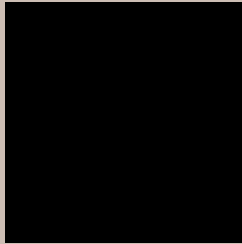
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 7.818, 62.605

Background



This preview shows how black text looks on a background with the CIELCh color 78, 7.818, 62.605.

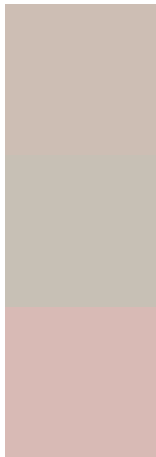


This preview shows how white text looks on a background with the CIELCh color 78, 7.818, 62.605.

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

78, 7.818, 62.605

Protanopia

78, 6.424, 85.245

Deuteranopia

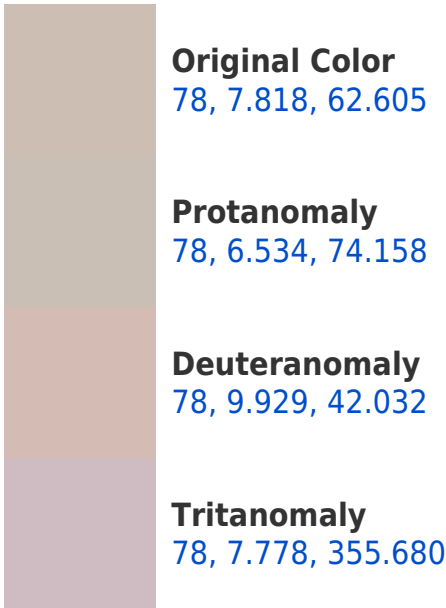
78, 11.839, 33.214



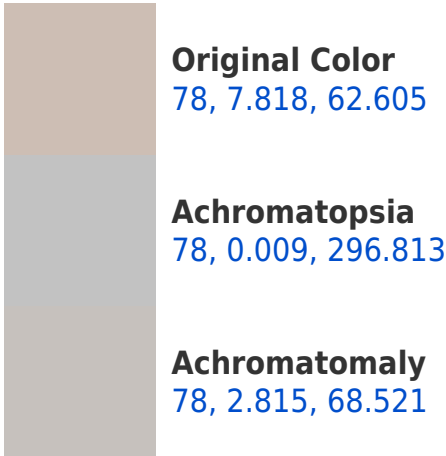
Tritanopia

78, 11.166, 334.364

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 7.818, 62.605 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, 190, 180)` looks like.

```
.text, #text, p{  
    color:rgb(205, 190, 180)  
}
```

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, 190, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 190, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 7.818, 62.605 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, 190, 180) }
```

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

```
.border{ border-color:rgb(205, 190, 180) }
```

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

Here you see how a box with a 4 pixel rgb(205, 190, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 190, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 190, 180);  
box-shadow:4px 4px 4px 4px rgb(205, 190,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 7.818, 62.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 190, 180) }
```

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

```
.background{ background-color: rgb(205,  
190, 180) }
```

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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