

Converting Colors

CIELCh(78, 9.446, 115.384)

Have a look what the booklet for
CIELCh(78, 9.446, 115.384) contains.

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Color

CIELCh(78, 9.663, 116.048)

Conversions

Conversions Part 1

Format	Color
Hex	C0C3B1
RGB	192, 195, 177
RGB Percent	75%, 76%, 69%
CMY	0.2483, 0.2365, 0.3071
CMYK	0.02, 0.00, 0.09, 0.24
HSL	70°, 13%, 73%
HSV	70°, 9%, 76%
XYZ	49.0040, 53.2120, 49.1179
YIQ	192.0510, 3.9900, -6.2340

Conversions

Conversions Part 2

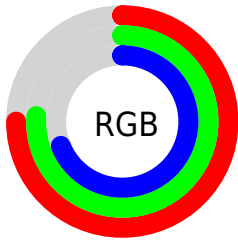
Format	Color
RYB	177, 195, 180
Decimal	12633009
CIELab	78.00, -4.24, 8.68
CIElCh	78, 9.663, 116.048
Yxy	53.2120, 0.3238, 0.3516
Android (android.graphics.Color)	4290823089 (0xFFC0C3B1)
YUV	192.0510, -7.4201, -0.0447
Hunter-Lab	72.9466, -7.7439, 11.1402

Details

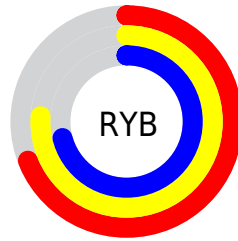
The CIELCh color **78, 9.663, 116.048** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 9.866, 297.409**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 9.764, 117.898**, and **58, 9.647, 113.880** is the 20% darker color. If you saturate the color by 10%, you get **77, 20.074, 115.329**, and if you desaturate by 10%, it is **79, 0.801, 296.767**.

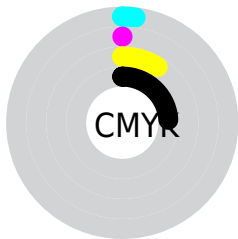
Distribution



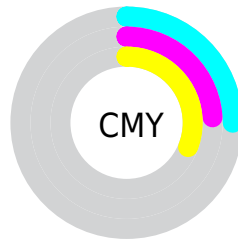
- Red (75%)
- Green (76%)
- Blue (69%)



- Red (69%)
- Yellow (76%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 9.663, 116.048 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, 9.663, 116.048 by changing the saturation by 10% instead.

 78, 9.663, 116.048

 78, 9.663, 116.048

 100, 9.663,
116.048

 68, 9.663, 116.048

 98, 9.663, 116.048

 58, 9.663, 116.048

 48, 9.663, 116.048

 38, 9.663, 116.048

 28, 9.663, 116.048

 18, 9.663, 116.048

 8, 9.663, 116.048

 0, 9.663, 116.048

 78, 9.663, 116.048

 78, 9.663, 116.048

77, 20.074,
115.329

79, 0.801, 296.767

77, 30.353,
114.603

80, 11.273,
297.452

76, 40.389,
113.898

80, 21.714,
298.106

76, 50.015,
113.247

81, 32.100,
298.725

75, 58.977,
112.696

82, 32.459,
300.570

75, 66.913,
112.307

82, 32.619,
302.441

74, 73.359,
112.161

82, 32.811,
304.306

74, 77.859,
112.339

82, 33.035,
306.162

74, 80.418,

83, 33.292,
308.003

112.850

Harmonies

Complementary

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



78, 9.663, 116.048



73, 9.866, 297.409

Rectangle

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



78, 9.663, 116.048



78, 9.663, 166.048



78, 9.663, 296.048



78, 9.663, 346.048

Sweetspot

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



78, 9.665, 116.055



99, 3.868, 116.498



74, 5.927, 35.565



53, 2.958, 116.440



0, 0.000, 0.000



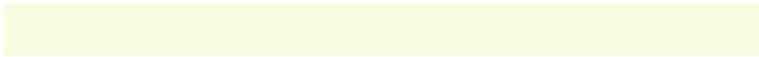
53, 0.007, 296.813

Same Dimension

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



78, 9.665, 116.055



98, 14.199, 115.916



77, 10.658, 134.296



41, 5.905, 116.046



62, 69.859, 112.757



12, 18.985, 116.688

Inverse Universe

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



73, 9.866, 297.409



91, 14.549, 297.566



74, 10.753, 315.035



38, 6.029, 297.419



19, 93.568, 307.064



1, 19.576, 295.638

Previews

White Background



This preview shows how the CIELCh color 78, 9.663, 116.048 looks on a white background.

Color Contrast Check

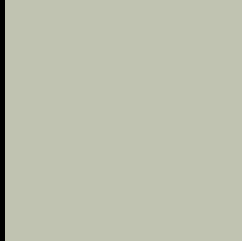
Large Text (above 18pt) WCAG AA × Fail

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, 9.663, 116.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

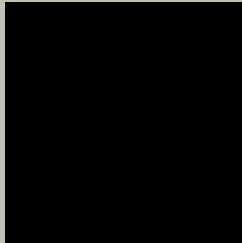
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

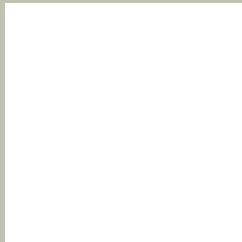
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 9.663, 116.048

Background



This preview shows how black text looks on a background with the CIELCh color 78, 9.663, 116.048.

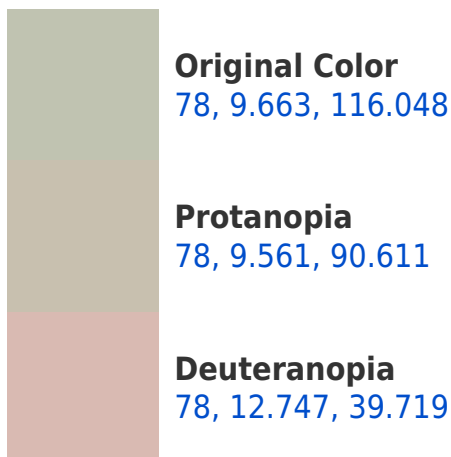



This preview shows how white text looks on a background with the CIELCh color 78, 9.663, 116.048.

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





Tritanopia
78, 8.363, 305.856

Trichromacy



Original Color
78, 9.663, 116.048

Protanomaly
78, 9.182, 99.760

Deuteranomaly
78, 9.369, 58.471

Tritanomaly
78, 1.782, 314.638

Monochromacy



Original Color
78, 9.663, 116.048

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.755, 115.511

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 9.663, 116.048 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(192, 195, 177)` looks like.

```
.text, #text, p{  
    color:rgb(192, 195, 177)  
}
```

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(192, 195, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 195, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 9.663, 116.048 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(192, 195, 177) }
```

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

```
.border{ border-color:rgb(192, 195, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 195, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 195, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 195, 177); box-shadow:4px 4px 4px 4px rgb(192, 195, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 9.663, 116.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 195, 177) }
```

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

```
.background{ background-color: rgb(192,  
195, 177) }
```

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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