

Converting Colors

CIELCh(78, 15.630, 86.976)

Have a look what the booklet for
CIELCh(78, 15.630, 86.976) contains.

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Color

CIELCh(78, 15.568, 86.562)

Conversions

Conversions Part 1

Format	Color
Hex	CEBFA4
RGB	206, 191, 164
RGB Percent	81%, 75%, 64%
CMY	0.1912, 0.2500, 0.3559
CMYK	0.00, 0.07, 0.20, 0.19
HSL	39°, 30%, 73%
HSV	39°, 20%, 81%
XYZ	50.9268, 53.2120, 42.8194
YIQ	192.4070, 17.6070, -5.2170

Conversions

Conversions Part 2

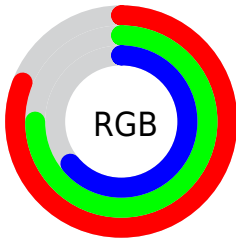
Format	Color
RYB	187, 206, 164
Decimal	13549476
CIELab	78.00, 0.93, 15.54
CIElCh	78, 15.568, 86.562
Yxy	53.2120, 0.3465, 0.3621
Android (android.graphics.Color)	4291739556 (0xFFCEBFA4)
YUV	192.4070, -14.0047, 11.9211
Hunter-Lab	72.9466, -3.0387, 16.2595

Details

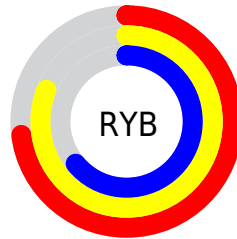
The CIELCh color $78, 15.568, 86.562$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $73, 15.409, 272.124$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 14.535, 97.366$, and $58, 15.723, 87.904$ is the 20% darker color. If you saturate the color by 10%, you get $76, 23.489, 85.239$, and if you desaturate by 10%, it is $80, 7.826, 87.850$.

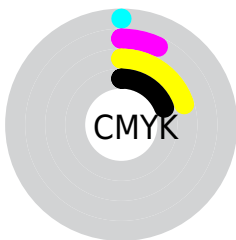
Distribution



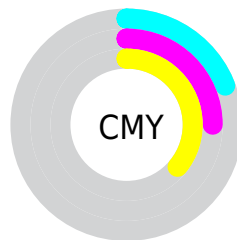
- Red (81%)
- Green (75%)
- Blue (64%)



- Red (73%)
- Yellow (81%)
- Blue (64%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (19%)



- Cyan (19%)
- Magenta (25%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 15.568, 86.562 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, 15.568, 86.562 by changing the saturation by 10% instead.

 78, 15.568, 86.562

 78, 15.568, 86.562

 100, 15.568,
86.562

 68, 15.568, 86.562

 98, 15.568, 86.562

 58, 15.568, 86.562

 48, 15.568, 86.562

 38, 15.568, 86.562

 28, 15.568, 86.562

 18, 15.568, 86.562

 8, 15.568, 86.562

 0, 15.568, 86.562

 78, 15.568, 86.562

 78, 15.568, 86.562

76, 23.489, 85.239

80, 7.826, 87.850

73, 31.556, 83.866

83, 0.267, 88.146

71, 39.694, 82.450

85, 7.113, 270.377

69, 47.750, 80.976

88, 14.325,
271.512

67, 55.426, 79.407

90, 15.563,
263.698

65, 62.199, 77.657

92, 13.786,
246.481

63, 67.293, 75.569

62, 70.308, 73.156

94, 13.481,
226.689

96, 14.704,
208.321

97, 16.175,
198.431

Harmonies

Complementary

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



78, 15.568, 86.562



73, 15.409, 272.124

Rectangle

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



78, 15.568, 86.562



78, 15.568, 136.562



78, 15.568, 266.562



78, 15.568, 316.562

Sweetspot

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



78, 15.569, 86.571



98, 5.347, 88.369



72, 18.013, 353.507



52, 3.550, 88.292



0, 0.000, 0.000



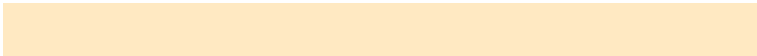
53, 0.007, 296.813

Same Dimension

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



78, 15.569, 86.571



93, 21.895, 86.053



81, 22.191, 113.848



42, 4.238, 87.971



50, 59.756, 73.675



10, 15.121, 75.907

Inverse Universe

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



73, 15.409, 272.124



86, 21.619, 272.800



69, 23.227, 297.199



40, 4.226, 270.453



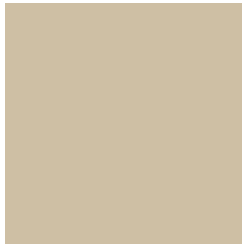
29, 67.587, 294.904



4, 17.786, 280.883

Previews

White Background



This preview shows how the CIELCh color 78, 15.568, 86.562 looks on a white background.

Color Contrast Check

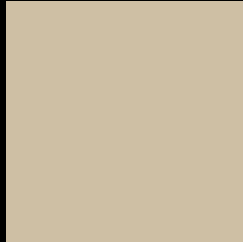
Large Text (above 18pt) WCAG AA × Fail

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, 15.568, 86.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

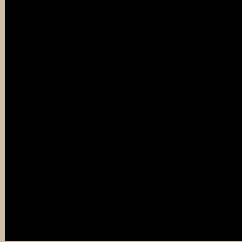
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 15.568, 86.562

Background



This preview shows how black text looks on a background with the CIELCh color 78, 15.568, 86.562.

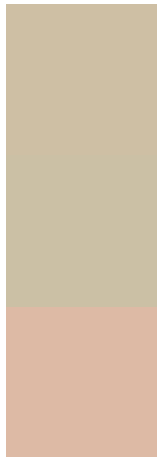


This preview shows how white text looks on a background with the CIELCh color 78, 15.568, 86.562.

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, 15.568, 86.562

Protanopia

78, 15.017, 92.166

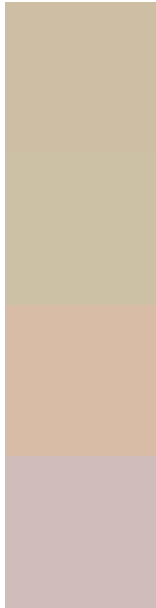
Deuteranopia

78, 17.964, 58.488



Tritanopia
78, 12.244, 339.504

Trichromacy



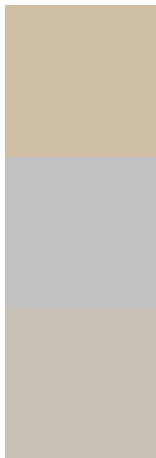
Original Color
78, 15.568, 86.562

Protanomaly
78, 15.136, 90.734

Deuteranomaly
78, 16.608, 67.200

Tritanomaly
78, 7.915, 19.978

Monochromacy



Original Color
78, 15.568, 86.562

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 5.292, 84.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 15.568, 86.562 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(206, 191, 164)` looks like.

```
.text, #text, p{  
    color:rgb(206, 191, 164)  
}
```

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(206, 191, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 191, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 15.568, 86.562 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(206, 191, 164) }
```

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

```
.border{ border-color:rgb(206, 191, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 191, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 191, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 191, 164);  
box-shadow:4px 4px 4px 4px rgb(206, 191,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 15.568, 86.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 191, 164) }
```

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

```
.background{ background-color: rgb(206,  
191, 164) }
```

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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