

Converting Colors

CIELCh(78, 13.601, 65.037)

Have a look what the booklet for
CIELCh(78, 13.601, 65.037) contains.

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Color

CIELCh(78, 13.857, 66.574)

Conversions

Conversions Part 1

Format	Color
Hex	D5BDAA
RGB	213, 189, 170
RGB Percent	84%, 74%, 67%
CMY	0.1662, 0.2603, 0.3348
CMYK	0.00, 0.11, 0.20, 0.17
HSL	27°, 34%, 75%
HSV	27°, 20%, 83%
XYZ	52.6676, 53.2120, 45.3442
YIQ	194.0100, 20.4030, -0.8210

Conversions

Conversions Part 2

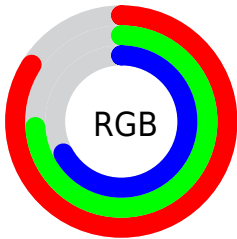
Format	Color
R_{YB}	213, 204, 170
Decimal	14007722
CIE _{Lab}	78.00, 5.51, 12.71
CIE _{LCh}	78, 13.857, 66.574
Yxy	53.2120, 0.3483, 0.3519
Android (android.graphics.Color)	4292197802 (0xFFD5BDAA)
YUV	194.0100, -11.8369, 16.6542
Hunter-Lab	72.9466, 1.2210, 14.2074

Details

The CIELCh color **78, 13.857, 66.574** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 12.880, 251.634**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 10.812, 89.619**, and **58, 13.845, 66.962** is the 20% darker color. If you saturate the color by 10%, you get **75, 21.319, 65.476**, and if you desaturate by 10%, it is **82, 6.806, 67.679**.

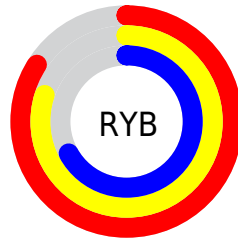
Distribution



Red (84%)

Green (74%)

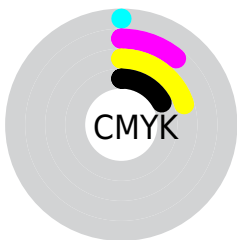
Blue (67%)



Red (84%)

Yellow (80%)

Blue (67%)

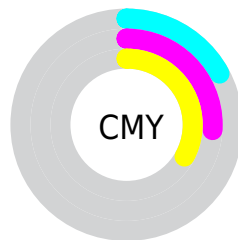


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (17%)



Cyan (17%)

Magenta (26%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 13.857, 66.574 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, 13.857, 66.574 by changing the saturation by 10% instead.

■ 78, 13.857, 66.574

■ 78, 13.857, 66.574

■ 100, 13.857,
66.574

■ 68, 13.857, 66.574

■ 98, 13.857, 66.574

■ 58, 13.857, 66.574

■ 48, 13.857, 66.574

■ 38, 13.857, 66.574

■ 28, 13.857, 66.574

■ 18, 13.857, 66.574

■ 8, 13.857, 66.574

■ 0, 13.857, 66.574

■ 78, 13.857, 66.574

■ 78, 13.857, 66.574

75, 21.319, 65.476

82, 6.806, 67.679

71, 29.210, 64.376

85, 0.133, 65.607

68, 37.523, 63.291

89, 6.201, 250.041

65, 46.187, 62.209

92, 12.233,
251.092

62, 55.010, 61.078

95, 12.256,
215.979

59, 63.560, 59.770

56, 70.999, 58.009

97, 14.172,
198.561

54, 76.533, 55.689

Harmonies

Complementary

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



78, 13.857, 66.574



77, 12.880, 251.634

Rectangle

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



78, 13.857, 66.574



78, 13.857, 116.574



78, 13.857, 246.574



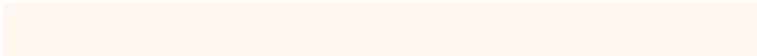
78, 13.857, 296.574

Sweetspot

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



78, 13.857, 66.585



98, 4.578, 68.101



74, 20.681, 341.866



52, 3.043, 68.038



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, 13.857, 66.585



90, 19.289, 66.137



83, 21.034, 105.294



43, 3.796, 67.762



44, 64.750, 56.303



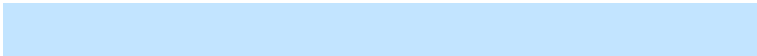
9, 17.156, 52.402

Inverse Universe

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



77, 12.880, 251.634



89, 17.636, 252.302



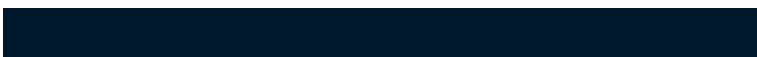
72, 21.895, 289.756



43, 3.681, 250.099



40, 47.300, 277.454



8, 15.779, 266.494

Previews

White Background



This preview shows how the CIELCh color 78, 13.857, 66.574 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, 13.857, 66.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

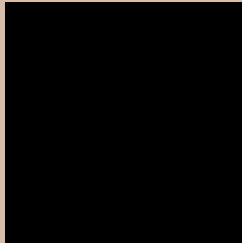
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

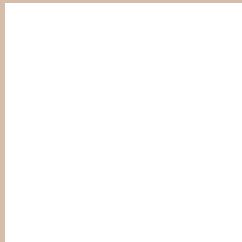
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 13.857, 66.574

Background



This preview shows how black text looks on a background with the CIELCh color 78, 13.857, 66.574.



This preview shows how white text looks on a background with the CIELCh color 78, 13.857, 66.574.

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, 13.857, 66.574

Protanopia

78, 11.208, 91.123

Deuteranopia

78, 15.941, 52.408



Tritanopia
78, 14.332, 346.651

Trichromacy



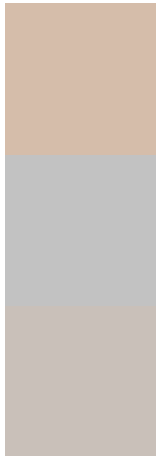
Original Color
78, 13.857, 66.574

Protanomaly
78, 11.973, 82.191

Deuteranomaly
78, 14.927, 57.281

Tritanomaly
78, 11.029, 14.741

Monochromacy



Original Color
78, 13.857, 66.574

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 5.024, 67.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 13.857, 66.574 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(213, 189, 170)` looks like.

```
.text, #text, p{  
    color:rgb(213, 189, 170)  
}
```

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(213, 189, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 189, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 13.857, 66.574 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(213, 189, 170) }
```

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

```
.border{ border-color:rgb(213, 189, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 189, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 189, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 189, 170);  
box-shadow:4px 4px 4px 4px rgb(213, 189,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 13.857, 66.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 189, 170) }
```

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

```
.background{ background-color: rgb(213,  
189, 170) }
```

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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