

Converting Colors

CIELCh(78, 33.992, 91.179)

Have a look what the booklet for
CIELCh(78, 33.992, 91.179) contains.

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Color

CIELCh(78, 33.755, 90.655)

Conversions

Conversions Part 1

Format	Color
Hex	D6BF82
RGB	214, 191, 130
RGB Percent	84%, 75%, 51%
CMY	0.1605, 0.2507, 0.4899
CMYK	0.00, 0.11, 0.39, 0.16
HSL	44°, 51%, 67%
HSV	44°, 39%, 84%
XYZ	50.4320, 53.2120, 28.7551
YIQ	190.9230, 33.2890, -14.0950

Conversions

Conversions Part 2

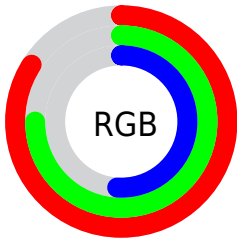
Format	Color
R_{YB}	162, 214, 130
Decimal	14073730
CIE Lab	78.00, -0.39, 33.75
CIE LCh	78, 33.755, 90.655
Yxy	53.2120, 0.3809, 0.4019
Android (android.graphics.Color)	4292263810 (0xFFD6BF82)
YUV	190.9230, -30.0350, 20.2385
Hunter-Lab	72.9466, -4.2494, 27.6909

Details

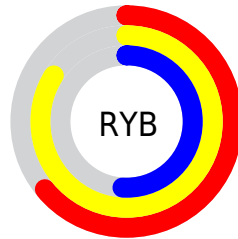
The CIELCh color **78, 33.755, 90.655** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 34.477, 281.923**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 32.040, 102.160**, and **58, 33.667, 90.727** is the 20% darker color. If you saturate the color by 10%, you get **76, 42.416, 89.314**, and if you desaturate by 10%, it is **80, 25.041, 91.970**.

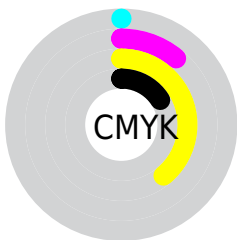
Distribution



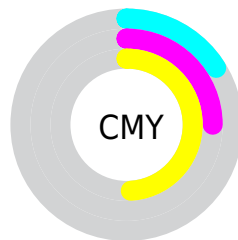
- Red (84%)
- Green (75%)
- Blue (51%)



- Red (64%)
- Yellow (84%)
- Blue (51%)



- Cyan (0%)
- Magenta (11%)
- Yellow (39%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 33.755, 90.655 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, 33.755, 90.655 by changing the saturation by 10% instead.

 78, 33.755, 90.655

 78, 33.755, 90.655

 100, 33.755,
90.655

 68, 33.755, 90.655

 98, 33.755, 90.655

 58, 33.755, 90.655

 48, 33.755, 90.655

 38, 33.755, 90.655

 28, 33.755, 90.655

 18, 33.755, 90.655

 8, 33.755, 90.655

 0, 33.755, 90.655

 78, 33.755, 90.655

 78, 33.755, 90.655

76, 42.416, 89.314

80, 25.041, 91.970

74, 50.833, 87.928

82, 16.372, 93.243

73, 58.671, 86.483

84, 7.802, 94.467

71, 65.384, 84.932

86, 0.646, 276.016

70, 70.221, 83.180

88, 8.965, 276.859

68, 72.764, 81.137

90, 15.399,
276.107

68, 72.934, 80.981

91, 13.162,
263.900

93, 11.720,
247.907

94, 11.360,
229.426

Harmonies

Complementary

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



78, 33.755, 90.655



64, 34.477, 281.923

Rectangle

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



78, 33.755, 90.655



78, 33.755, 140.655



78, 33.755, 270.655



78, 33.755, 320.655

Sweetspot

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



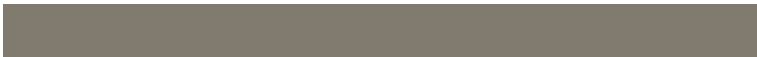
78, 33.756, 90.660



97, 11.705, 94.121



64, 35.355, 1.894



52, 7.772, 93.961



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, 33.756, 90.660



90, 46.663, 89.555



83, 43.886, 116.038



44, 4.795, 94.445



55, 61.714, 81.374



13, 19.036, 84.686

Inverse Universe

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



64, 34.477, 281.923



70, 48.095, 283.803



59, 48.058, 301.996



42, 4.822, 276.813



27, 78.704, 299.402



4, 22.426, 286.693

Previews

White Background



This preview shows how the CIELCh color 78, 33.755, 90.655 looks on a white background.

Color Contrast Check

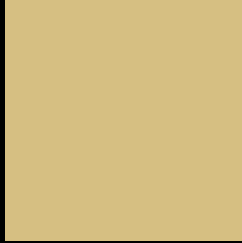
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 33.755, 90.655 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, 33.755, 90.655

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.755, 90.655.



This preview shows how white text looks on a background with the CIELCh color 78, 33.755, 90.655.

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, 33.755, 90.655

Protanopia

78, 33.441, 95.680

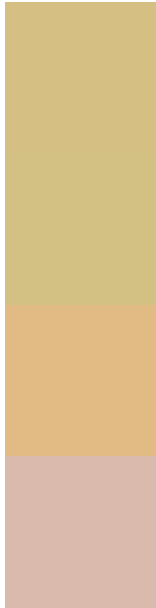
Deuteranopia

78, 35.019, 73.958



Tritanopia
78, 16.026, 353.044

Trichromacy



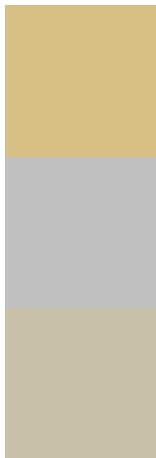
Original Color
78, 33.755, 90.655

Protanomaly
78, 33.256, 93.434

Deuteranomaly
78, 34.013, 79.457

Tritanomaly
78, 14.347, 48.971

Monochromacy



Original Color
78, 33.755, 90.655

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 12.137, 94.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 33.755, 90.655 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(214, 191, 130)` looks like.

```
.text, #text, p{  
    color:rgb(214, 191, 130)  
}
```

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(214, 191, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 191, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.755, 90.655 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(214, 191, 130) }
```

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

```
.border{ border-color:rgb(214, 191, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 191, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 191, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 191, 130);  
box-shadow:4px 4px 4px 4px rgb(214, 191,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.755, 90.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 191, 130) }
```

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

```
.background{ background-color: rgb(214,  
191, 130) }
```

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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