

Converting Colors

CIELCh(70, 31.863, 65.526)

Have a look what the booklet for
CIELCh(70, 31.863, 65.526) contains.

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Color

CIELCh(70, 31.865, 65.520)

Conversions

Conversions Part 1

Format	Color
Hex	D3A177
RGB	211, 161, 119
RGB Percent	83%, 63%, 47%
CMY	0.1719, 0.3680, 0.5328
CMYK	0.00, 0.24, 0.44, 0.17
HSL	27°, 51%, 65%
HSV	27°, 44%, 83%
XYZ	43.0191, 40.7494, 23.0952
YIQ	171.1620, 43.2820, -2.4620

Conversions

Conversions Part 2

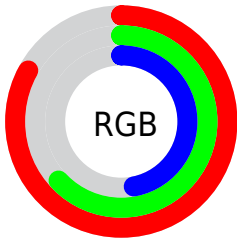
Format	Color
R _Y B	211, 196, 119
Decimal	13869431
CIE Lab	70.00, 13.20, 29.00
CIE LCh	70, 31.865, 65.520
Yxy	40.7494, 0.4026, 0.3813
Android (android.graphics.Color)	4292059511 (0xFFD3A177)
YUV	171.1620, -25.7159, 34.9379
Hunter-Lab	63.8353, 8.5809, 23.2339

Details

The CIELCh color **70, 31.865, 65.520** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **67, 27.115, 258.120**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 27.789, 74.395**, and **50, 31.675, 65.188** is the 20% darker color. If you saturate the color by 10%, you get **67, 40.225, 64.386**, and if you desaturate by 10%, it is **73, 23.885, 66.670**.

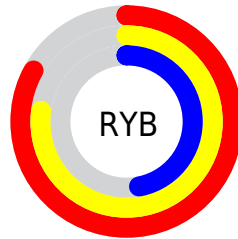
Distribution



Red (83%)

Green (63%)

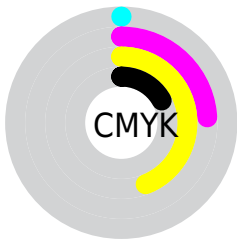
Blue (47%)



Red (83%)

Yellow (77%)

Blue (47%)

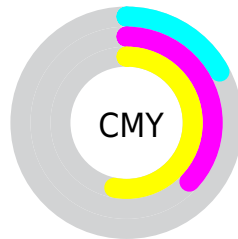


Cyan (0%)

Magenta (24%)

Yellow (44%)

Black (17%)



Cyan (17%)

Magenta (37%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 31.865, 65.520 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 70, 31.865, 65.520 by changing the saturation by 10% instead.

 70, 31.865, 65.520

 70, 31.865, 65.520

 100, 31.865,
65.520

 60, 31.865, 65.520

 90, 31.865, 65.520

 50, 31.865, 65.520

 40, 31.865, 65.520

 30, 31.865, 65.520

 20, 31.865, 65.520

 10, 31.865, 65.520

 0, 31.865, 65.520

 70, 31.865, 65.520

 70, 31.865, 65.520

 67, 40.225, 64.386

 73, 23.885, 66.670

64, 48.858, 63.228

77, 16.313, 67.820

61, 57.504, 61.980

80, 9.141, 68.961

58, 65.610, 60.476

83, 2.342, 69.983

56, 72.204, 58.389

87, 4.120, 251.403

54, 75.572, 56.790

90, 10.280,
252.458

94, 12.113,
234.151

97, 13.960,
202.895

97, 14.633,
198.531

Harmonies

Complementary

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



70, 31.865, 65.520



67, 27.115, 258.120

Rectangle

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



70, 31.865, 65.520



70, 31.865, 115.520



70, 31.865, 245.520



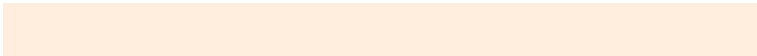
70, 31.865, 295.520

Sweetspot

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



70, 31.865, 65.525



95, 10.188, 69.010



62, 43.803, 345.201



50, 7.172, 68.758



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 31.865, 65.525



80, 45.381, 64.502



82, 45.154, 103.705



42, 3.747, 69.423



44, 63.563, 57.438



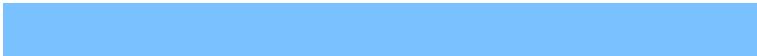
8, 15.773, 53.275

Inverse Universe

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



67, 27.115, 258.120



76, 37.203, 260.561



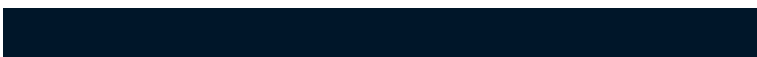
55, 50.128, 294.331



42, 3.642, 251.802



39, 48.134, 279.103



7, 15.273, 267.608

Previews

White Background



This preview shows how the CIELCh color 70, 31.865, 65.520 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 70, 31.865, 65.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

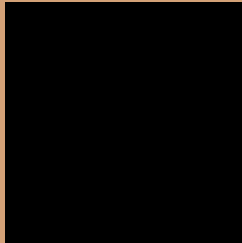
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 31.865, 65.520

Background



This preview shows how black text looks on a background with the CIELCh color 70, 31.865, 65.520.

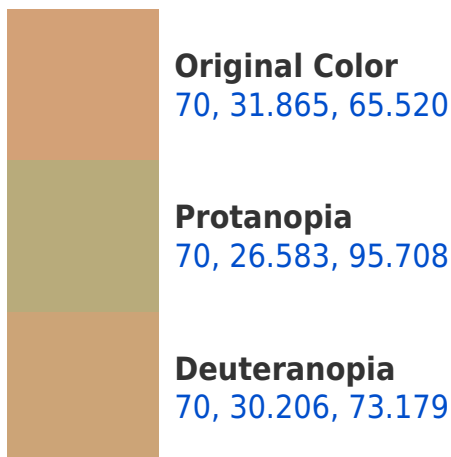


This preview shows how white text looks on a background with the CIELCh color 70, 31.865, 65.520.

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
70, 24.655, 6.593

Trichromacy



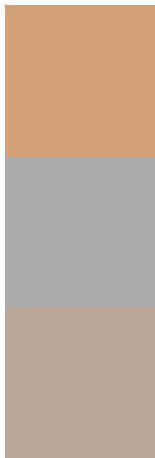
Original Color
70, 31.865, 65.520

Protanomaly
70, 27.145, 82.785

Deuteranomaly
70, 30.876, 70.118

Tritanomaly
70, 23.565, 30.661

Monochromacy



Original Color
70, 31.865, 65.520

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 11.169, 66.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 31.865, 65.520 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(211, 161, 119)` looks like.

```
.text, #text, p{  
    color:rgb(211, 161, 119)  
}
```

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(211, 161, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 161, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 31.865, 65.520 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(211, 161, 119) }
```

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

```
.border{ border-color:rgb(211, 161, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 161, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 161, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 161, 119);  
box-shadow:4px 4px 4px 4px rgb(211, 161,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 31.865, 65.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 161, 119) }
```

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

```
.background{ background-color: rgb(211,  
161, 119) }
```

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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