

Converting Colors

CIELCh(70, 30.731, 55.084)

Have a look what the booklet for
CIELCh(70, 30.731, 55.084) contains.

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Color

CIELCh(70, 30.731, 55.084)

Conversions

Conversions Part 1

Format	Color
Hex	D89E7E
RGB	216, 158, 126
RGB Percent	85%, 62%, 49%
CMY	0.1514, 0.3790, 0.5045
CMYK	0.00, 0.27, 0.42, 0.15
HSL	21°, 54%, 67%
HSV	21°, 42%, 85%
XYZ	44.5104, 40.7494, 25.3745
YIQ	171.6940, 44.8400, 2.3440

Conversions

Conversions Part 2

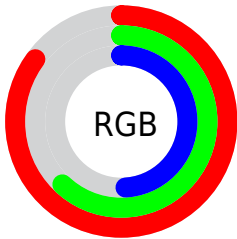
Format	Color
R _Y B	216, 176, 126
Decimal	14196350
CIE Lab	70.00, 17.59, 25.20
CIE LCh	70, 30.731, 55.084
Yxy	40.7494, 0.4023, 0.3683
Android (android.graphics.Color)	4292386430 (0xFFD89E7E)
YUV	171.6940, -22.5271, 38.8564
Hunter-Lab	63.8353, 12.7508, 21.1169

Details

The CIELCh color **70, 30.731, 55.084** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **72, 24.415, 244.348**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 24.401, 66.073**, and **50, 30.590, 54.326** is the 20% darker color. If you saturate the color by 10%, you get **66, 39.486, 54.448**, and if you desaturate by 10%, it is **74, 22.521, 55.804**.

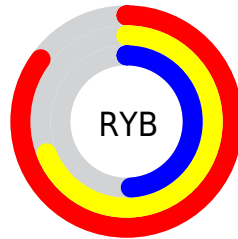
Distribution



Red (85%)

Green (62%)

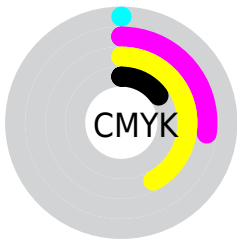
Blue (49%)



Red (85%)

Yellow (69%)

Blue (49%)

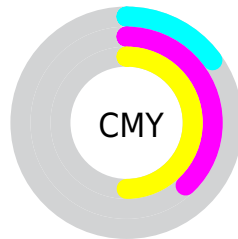


Cyan (0%)

Magenta (27%)

Yellow (42%)

Black (15%)



Cyan (15%)

Magenta (38%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 30.731, 55.084 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, 30.731, 55.084 by changing the saturation by 10% instead.

 70, 30.731, 55.084

 70, 30.731, 55.084

 100, 30.731,
55.084

 60, 30.731, 55.084

 90, 30.731, 55.084

 50, 30.731, 55.084

 40, 30.731, 55.084

 30, 30.731, 55.084

 20, 30.731, 55.084

 10, 30.731, 55.084

 0, 30.731, 55.084

 70, 30.731, 55.084

 70, 30.731, 55.084

 66, 39.486, 54.448

 74, 22.521, 55.804

63, 48.727, 53.872

78, 14.857, 56.578

60, 58.259, 53.311

82, 7.708, 57.382

57, 67.623, 52.615

86, 1.031, 57.828

54, 75.862, 51.442

90, 5.225, 239.298

52, 81.327, 49.990

94, 10.749,
237.539

97, 12.967,
198.640

Harmonies

Complementary

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



70, 30.731, 55.084



72, 24.415, 244.348

Rectangle

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



70, 30.731, 55.084



70, 30.731, 105.084



70, 30.731, 235.084



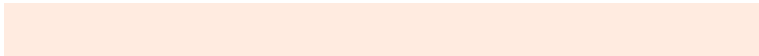
70, 30.731, 285.084

Sweetspot

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



70, 30.730, 55.090



94, 9.116, 57.342



64, 45.489, 339.766



50, 6.074, 57.236



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, 30.730, 55.090



78, 43.529, 54.518



81, 40.263, 98.561



43, 3.708, 57.555



41, 67.799, 50.591



8, 17.767, 42.935

Inverse Universe

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



72, 24.415, 244.348



81, 32.630, 246.417



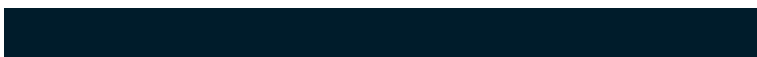
60, 43.243, 289.523



43, 3.550, 239.453



44, 39.839, 265.416



9, 13.988, 254.045

Previews

White Background



This preview shows how the CIELCh color 70, 30.731, 55.084 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 70, 30.731, 55.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

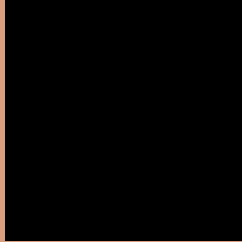
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 30.731, 55.084

Background



This preview shows how black text looks on a background with the CIELCh color 70, 30.731, 55.084.

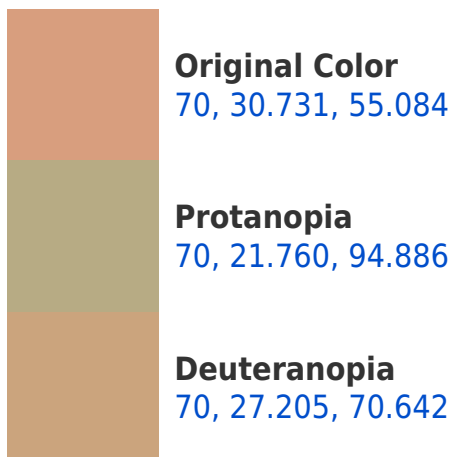


This preview shows how white text looks on a background with the CIELCh color 70, 30.731, 55.084.

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](#).

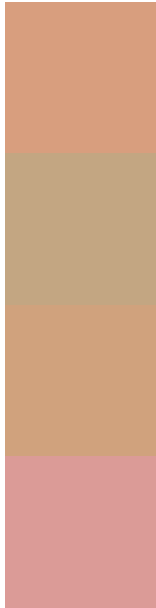
Dichromacy





Tritanopia
70, 27.031, 8.249

Trichromacy



Original Color
70, 30.731, 55.084

Protanomaly
70, 23.213, 76.705

Deuteranomaly
70, 28.463, 64.817

Tritanomaly
70, 26.134, 26.507

Monochromacy



Original Color
70, 30.731, 55.084

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.608, 57.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 30.731, 55.084 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(216, 158, 126)` looks like.

```
.text, #text, p{  
    color:rgb(216, 158, 126)  
}
```

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(216, 158, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 158, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 30.731, 55.084 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(216, 158, 126) }
```

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

```
.border{ border-color:rgb(216, 158, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 158, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 158, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 158, 126);  
box-shadow:4px 4px 4px 4px rgb(216, 158,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 30.731, 55.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 158, 126) }
```

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

```
.background{ background-color: rgb(216,  
158, 126) }
```

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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