

Converting Colors

CIELCh(66, 31.942, 76.017)

Have a look what the booklet for
CIELCh(66, 31.942, 76.017) contains.

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Color

CIELCh(66, 31.985, 75.987)

Conversions

Conversions Part 1

Format	Color
Hex	C09A69
RGB	192, 154, 105
RGB Percent	75%, 60%, 41%
CMY	0.2472, 0.3962, 0.5883
CMYK	0.00, 0.20, 0.45, 0.25
HSL	34°, 41%, 58%
HSV	34°, 45%, 75%
XYZ	35.8300, 35.3238, 18.2870
YIQ	159.7760, 38.3770, -7.1830

Conversions

Conversions Part 2

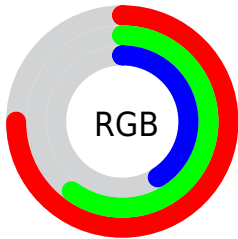
Format	Color
RYB	172, 192, 105
Decimal	12622441
CIELab	66.00, 7.74, 31.03
CIELCh	66, 31.985, 75.987
Yxy	35.3238, 0.4006, 0.3949
Android (android.graphics.Color)	4290812521 (0xFFC09A69)
YUV	159.7760, -27.0046, 28.2604
Hunter-Lab	59.4338, 3.6005, 23.3610

Details

The CIELCh color **66, 31.985, 75.987** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **58, 29.579, 270.162**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 31.860, 75.581**, and **46, 31.697, 76.184** is the 20% darker color. If you saturate the color by 10%, you get **64, 39.618, 74.589**, and if you desaturate by 10%, it is **68, 24.508, 77.355**.

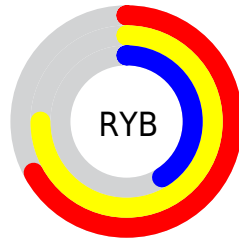
Distribution



Red (75%)

Green (60%)

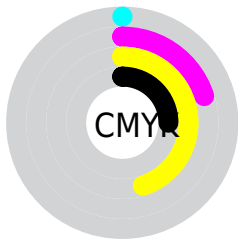
Blue (41%)



Red (67%)

Yellow (75%)

Blue (41%)

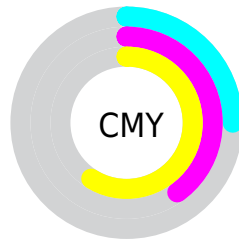


Cyan (0%)

Magenta (20%)

Yellow (45%)

Black (25%)



Cyan (25%)

Magenta (40%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 31.985, 75.987 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 66, 31.985, 75.987 by changing the saturation by 10% instead.

■ 66, 31.985, 75.987

■ 66, 31.985, 75.987

■ 100, 31.985,
75.987

■ 56, 31.985, 75.987

■ 86, 31.985, 75.987

■ 46, 31.985, 75.987

■ 96, 31.985, 75.987

■ 36, 31.985, 75.987

■ 26, 31.985, 75.987

■ 16, 31.985, 75.987

■ 6, 31.985, 75.987

■ 0, 31.985, 75.987

■ 66, 31.985, 75.987

■ 66, 31.985, 75.987

■ 64, 39.618, 74.589

■ 68, 24.508, 77.355

61, 47.247, 73.117

71, 17.256, 78.687

59, 54.551, 71.506

74, 10.252, 79.982

57, 60.946, 69.605

76, 3.492, 81.197

55, 65.585, 67.155

79, 3.037, 262.621

54, 67.413, 65.943

82, 9.354, 263.744

84, 15.479,
264.876

87, 19.818,
263.299

89, 17.704,
247.906

Harmonies

Complementary

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



66, 31.985, 75.987



58, 29.579, 270.162

Rectangle

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



66, 31.985, 75.987



66, 31.985, 125.987



66, 31.985, 255.987



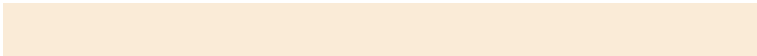
66, 31.985, 305.987

Sweetspot

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



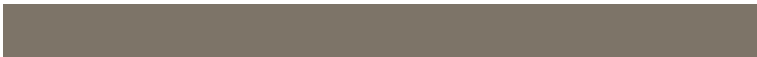
66, 31.985, 75.992



94, 11.584, 80.120



55, 39.890, 351.407



49, 8.028, 79.844



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



66, 31.985, 75.992



81, 47.883, 74.653



76, 45.377, 108.196



40, 3.782, 80.724



46, 58.994, 66.458



7, 11.684, 65.701

Inverse Universe

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



58, 29.579, 270.162



70, 43.635, 272.795



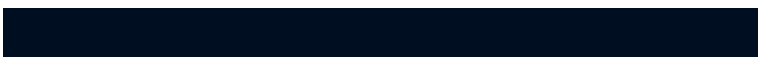
48, 51.151, 297.852



39, 3.734, 263.238



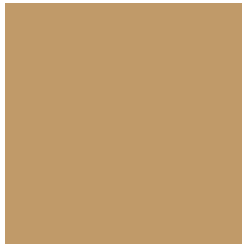
32, 57.186, 289.200



4, 13.696, 274.136

Previews

White Background



This preview shows how the CIELCh color 66, 31.985, 75.987 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 66, 31.985, 75.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

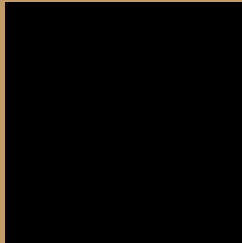
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 31.985, 75.987

Background



This preview shows how black text looks on a background with the CIELCh color 66, 31.985, 75.987.



This preview shows how white text looks on a background with the CIELCh color 66, 31.985, 75.987.

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

66, 31.985, 75.987

Protanopia

66, 29.496, 96.188

Deuteranopia

66, 32.233, 75.336



Tritanopia
66, 20.667, 2.955

Trichromacy



Original Color
66, 31.985, 75.987

Protanomaly
66, 29.775, 87.658

Deuteranomaly
66, 32.233, 75.336

Tritanomaly
66, 19.615, 38.843

Monochromacy



Original Color
66, 31.985, 75.987

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 11.445, 79.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 31.985, 75.987 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(192, 154, 105)` looks like.

```
.text, #text, p{  
    color:rgb(192, 154, 105)  
}
```

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(192, 154, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 154, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 31.985, 75.987 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(192, 154, 105) }
```

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

```
.border{ border-color:rgb(192, 154, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 154, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 154, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 154, 105);  
box-shadow:4px 4px 4px 4px rgb(192, 154,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 31.985, 75.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 154, 105) }
```

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

```
.background{ background-color: rgb(192,  
154, 105) }
```

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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