

Converting Colors

CIELCh(71, 31.683, 49.272)

Have a look what the booklet for
CIELCh(71, 31.683, 49.272) contains.

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Color

CIELCh(71, 31.917, 49.412)

Conversions

Conversions Part 1

Format	Color
Hex	E09F83
RGB	224, 159, 131
RGB Percent	88%, 62%, 51%
CMY	0.1223, 0.3771, 0.4869
CMYK	0.00, 0.29, 0.42, 0.12
HSL	18°, 60%, 70%
HSV	18°, 42%, 88%
XYZ	47.1349, 42.1875, 27.0719
YIQ	175.2430, 47.7280, 5.0720

Conversions

Conversions Part 2

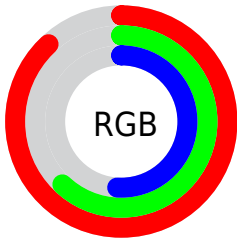
Format	Color
R _Y B	224, 171, 131
Decimal	14720899
CIE Lab	71.00, 20.77, 24.24
CIE LCh	71, 31.917, 49.412
Yxy	42.1875, 0.4050, 0.3625
Android (android.graphics.Color)	4292910979 (0xFFE09F83)
YUV	175.2430, -21.8118, 42.7599
Hunter-Lab	64.9519, 15.8698, 20.7543

Details

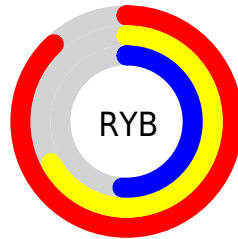
The CIELCh color **71, 31.917, 49.412** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **76, 24.504, 236.551**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 22.517, 63.563**, and **51, 32.257, 49.269** is the 20% darker color. If you saturate the color by 10%, you get **67, 41.151, 49.130**, and if you desaturate by 10%, it is **75, 23.302, 49.822**.

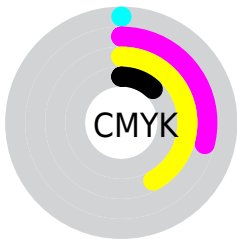
Distribution



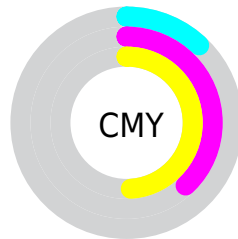
- Red (88%)
- Green (62%)
- Blue (51%)



- Red (88%)
- Yellow (67%)
- Blue (51%)



- Cyan (0%)
- Magenta (29%)
- Yellow (42%)
- Black (12%)



- Cyan (12%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 31.917, 49.412 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 71, 31.917, 49.412 by changing the saturation by 10% instead.

71, 31.917, 49.412

71, 31.917, 49.412

100, 31.917,
49.412

61, 31.917, 49.412

91, 31.917, 49.412

51, 31.917, 49.412

41, 31.917, 49.412

31, 31.917, 49.412

21, 31.917, 49.412

11, 31.917, 49.412

1, 31.917, 49.412

0, 31.917, 49.412

71, 31.917, 49.412

71, 31.917, 49.412

67, 41.151, 49.130

75, 23.302, 49.822

63, 50.946, 48.961

80, 15.307, 50.321

60, 61.109, 48.867

84, 7.894, 50.879

56, 71.169, 48.701

88, 1.013, 51.056

54, 80.100, 48.090

93, 5.390, 232.388

52, 86.017, 47.069

97, 9.819, 205.824

98, 10.562,
198.802

Harmonies

Complementary

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



71, 31.917, 49.412



76, 24.504, 236.551

Rectangle

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



71, 31.917, 49.412



71, 31.917, 99.412



71, 31.917, 229.412



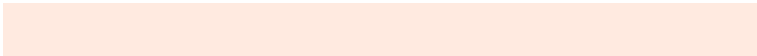
71, 31.917, 279.412

Sweetspot

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



71, 31.916, 49.417



94, 9.142, 50.848



67, 48.227, 337.433



49, 6.094, 50.774



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 31.916, 49.417



76, 44.178, 49.157



82, 39.505, 95.470



45, 3.861, 50.995



41, 71.440, 47.601



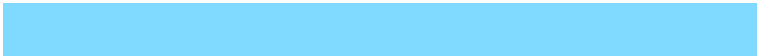
9, 20.977, 39.856

Inverse Universe

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



76, 24.504, 236.551



82, 31.695, 238.340



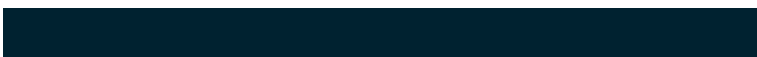
63, 41.708, 286.908



45, 3.670, 232.504



49, 37.076, 256.131



12, 14.248, 246.507

Previews

White Background



This preview shows how the CIELCh color 71, 31.917, 49.412 looks on a white background.

Color Contrast Check

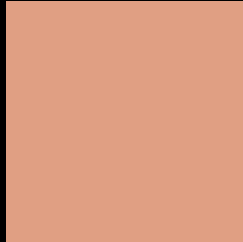
Large Text (above 18pt) WCAG AA × Fail

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 71, 31.917, 49.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

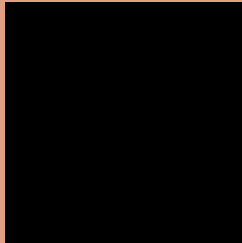
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 31.917, 49.412

Background



This preview shows how black text looks on a background with the CIELCh color 71, 31.917, 49.412.



This preview shows how white text looks on a background with the CIELCh color 71, 31.917, 49.412.

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
71, 29.333, 9.633

Trichromacy



Original Color
71, 31.917, 49.412

Protanomaly
71, 22.241, 73.042

Deuteranomaly
71, 27.788, 61.630

Tritanomaly
71, 28.473, 25.252

Monochromacy



Original Color
71, 31.917, 49.412

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 10.941, 49.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 31.917, 49.412 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(224, 159, 131)` looks like.

```
.text, #text, p{  
    color:rgb(224, 159, 131)  
}
```

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(224, 159, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 159, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 31.917, 49.412 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(224, 159, 131) }
```

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

```
.border{ border-color:rgb(224, 159, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 159, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 159, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 159, 131);  
box-shadow:4px 4px 4px 4px rgb(224, 159,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 31.917, 49.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 159, 131) }
```

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

```
.background{ background-color: rgb(224,  
159, 131) }
```

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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