

Converting Colors

CIELCh(71, 24.992, 63.864)

Have a look what the booklet for
CIELCh(71, 24.992, 63.864) contains.

CIELCh(71, 24.992, 63.864)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 24.992, 63.864)

Conversions

Conversions Part 1

Format	Color
Hex	D0A686
RGB	208, 166, 134
RGB Percent	82%, 65%, 53%
CMY	0.1860, 0.3506, 0.4760
CMYK	0.00, 0.20, 0.36, 0.19
HSL	26°, 44%, 67%
HSV	26°, 36%, 81%
XYZ	43.7342, 42.1875, 28.2519
YIQ	174.9100, 35.3040, -1.0480

Conversions

Conversions Part 2

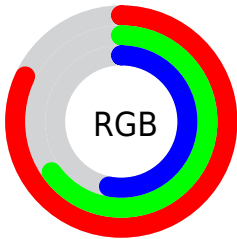
Format	Color
R _Y B	208, 190, 134
Decimal	13674118
CIE Lab	71.00, 11.01, 22.44
CIE LCh	71, 24.992, 63.864
Yxy	42.1875, 0.3830, 0.3695
Android (android.graphics.Color)	4291864198 (0xFFD0A686)
YUV	174.9100, -20.1686, 29.0199
Hunter-Lab	64.9519, 6.5239, 19.6771

Details

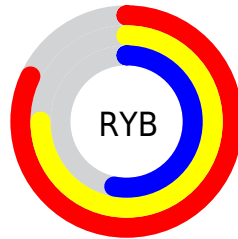
The CIELCh color **71, 24.992, 63.864** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **70, 21.638, 253.304**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 22.115, 72.073**, and **51, 24.966, 63.917** is the 20% darker color. If you saturate the color by 10%, you get **68, 32.969, 62.817**, and if you desaturate by 10%, it is **74, 17.450, 64.943**.

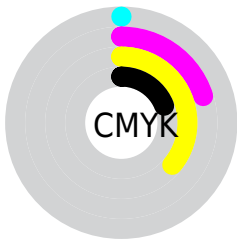
Distribution



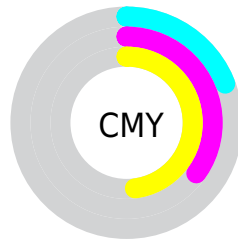
- Red (82%)
- Green (65%)
- Blue (53%)



- Red (82%)
- Yellow (75%)
- Blue (53%)



- Cyan (0%)
- Magenta (20%)
- Yellow (36%)
- Black (19%)



- Cyan (19%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 24.992, 63.864 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, 24.992, 63.864 by changing the saturation by 10% instead.

71, 24.992, 63.864

71, 24.992, 63.864

100, 24.992,
63.864

61, 24.992, 63.864

91, 24.992, 63.864

51, 24.992, 63.864

41, 24.992, 63.864

31, 24.992, 63.864

21, 24.992, 63.864

11, 24.992, 63.864

1, 24.992, 63.864

0, 24.992, 63.864

71, 24.992, 63.864

71, 24.992, 63.864

68, 32.969, 62.817

74, 17.450, 64.943

65, 41.347, 61.781

78, 10.333, 66.022

62, 50.009, 60.733

81, 3.615, 67.045

59, 58.665, 59.589

85, 2.743, 248.417

56, 66.703, 58.150

88, 8.778, 249.389

54, 73.072, 56.041

92, 13.376,
245.560

53, 75.505, 55.066

95, 13.811,
213.656

97, 15.759,
198.458

Harmonies

Complementary

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



71, 24.992, 63.864



70, 21.638, 253.304

Rectangle

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



71, 24.992, 63.864



71, 24.992, 113.864



71, 24.992, 243.864



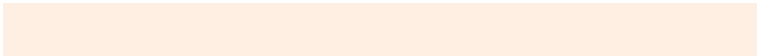
71, 24.992, 293.864

Sweetspot

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



71, 24.992, 63.871



95, 8.483, 66.500



65, 36.241, 342.499



50, 5.722, 66.355



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, 24.992, 63.871



83, 36.487, 63.038



80, 35.563, 102.872



42, 3.706, 66.678



43, 64.318, 55.664



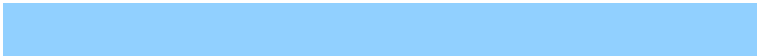
8, 15.872, 50.391

Inverse Universe

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



70, 21.638, 253.304



81, 30.449, 255.103



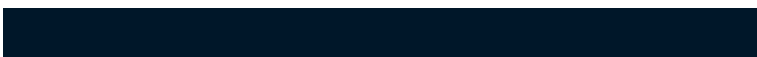
60, 38.281, 291.453



42, 3.589, 248.973



40, 45.841, 276.238



7, 14.776, 264.773

Previews

White Background



This preview shows how the CIELCh color 71, 24.992, 63.864 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 71, 24.992, 63.864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

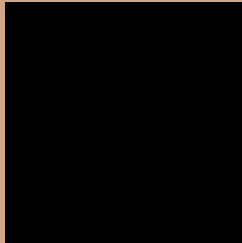
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 24.992, 63.864

Background



This preview shows how black text looks on a background with the CIELCh color 71, 24.992, 63.864.



This preview shows how white text looks on a background with the CIELCh color 71, 24.992, 63.864.

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

71, 24.992, 63.864

Protanopia

71, 20.545, 95.530

Deuteranopia

71, 24.326, 68.899



Tritanopia
71, 21.238, 2.126

Trichromacy



Original Color
71, 24.992, 63.864

Protanomaly
71, 21.128, 82.848

Deuteranomaly
71, 24.502, 66.690

Tritanomaly
71, 19.223, 25.908

Monochromacy



Original Color
71, 24.992, 63.864

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 8.777, 67.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 24.992, 63.864 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(208, 166, 134)` looks like.

```
.text, #text, p{  
    color:rgb(208, 166, 134)  
}
```

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(208, 166, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 166, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 24.992, 63.864 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(208, 166, 134) }
```

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

```
.border{ border-color:rgb(208, 166, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 166, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 166, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 166, 134);  
box-shadow:4px 4px 4px 4px rgb(208, 166,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 24.992, 63.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 166, 134) }
```

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

```
.background{ background-color: rgb(208,  
166, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor