

Converting Colors

CIELCh(71, 21.994, 60.006)

Have a look what the booklet for
CIELCh(71, 21.994, 60.006) contains.

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Color

CIELCh(71, 21.963, 60.020)

Conversions

Conversions Part 1

Format	Color
Hex	CEA68C
RGB	206, 166, 140
RGB Percent	81%, 65%, 55%
CMY	0.1929, 0.3497, 0.4517
CMYK	0.00, 0.19, 0.32, 0.19
HSL	24°, 40%, 68%
HSV	24°, 32%, 81%
XYZ	43.7225, 42.1875, 30.5803
YIQ	174.9960, 32.1860, 0.3940

Conversions

Conversions Part 2

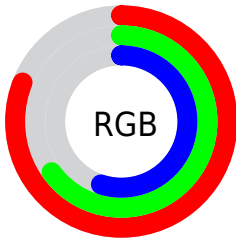
Format	Color
R _Y B	206, 183, 140
Decimal	13543052
CIE Lab	71.00, 10.97, 19.02
CIE LCh	71, 21.963, 60.020
Yxy	42.1875, 0.3753, 0.3622
Android (android.graphics.Color)	4291733132 (0xFFCEA68C)
YUV	174.9960, -17.2530, 27.1905
Hunter-Lab	64.9519, 6.4919, 17.5517

Details

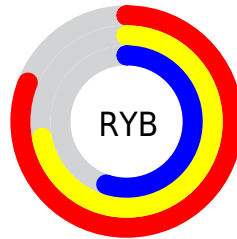
The CIELCh color **71, 21.963, 60.020** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71, 18.915, 247.639**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 19.225, 66.217**, and **51, 22.036, 59.293** is the 20% darker color. If you saturate the color by 10%, you get **68, 29.780, 59.127**, and if you desaturate by 10%, it is **75, 14.625, 60.964**.

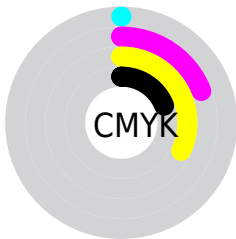
Distribution



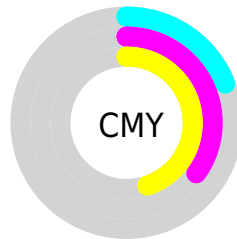
- Red (81%)
- Green (65%)
- Blue (55%)



- Red (81%)
- Yellow (72%)
- Blue (55%)



- Cyan (0%)
- Magenta (19%)
- Yellow (32%)
- Black (19%)



- Cyan (19%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 21.963, 60.020 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, 21.963, 60.020 by changing the saturation by 10% instead.

71, 21.963, 60.020

71, 21.963, 60.020

100, 21.963,
60.020

61, 21.963, 60.020

91, 21.963, 60.020

51, 21.963, 60.020

41, 21.963, 60.020

31, 21.963, 60.020

21, 21.963, 60.020

11, 21.963, 60.020

1, 21.963, 60.020

0, 21.963, 60.020

71, 21.963, 60.020

71, 21.963, 60.020

68, 29.780, 59.127

75, 14.625, 60.964

64, 38.072, 58.272

78, 7.742, 61.914

61, 46.767, 57.449

82, 1.278, 62.610

58, 55.668, 56.601

86, 4.810, 244.062

55, 64.318, 55.578

89, 10.565,
245.002

53, 71.810, 54.051

93, 13.521,
232.169

51, 76.581, 52.460

96, 15.689,
202.005

97, 16.312,
198.422

Harmonies

Complementary

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



71, 21.963, 60.020



71, 18.915, 247.639

Rectangle

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



71, 21.963, 60.020



71, 21.963, 110.020



71, 21.963, 240.020



71, 21.963, 290.020

Sweetspot

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



71, 21.963, 60.027



96, 7.592, 62.094



66, 33.121, 340.462



50, 5.203, 61.962



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, 21.963, 60.027



84, 31.641, 59.445



79, 30.849, 101.523



41, 3.585, 62.161



41, 64.870, 53.064



7, 14.673, 45.602

Inverse Universe

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



71, 18.915, 247.639



84, 26.322, 248.918



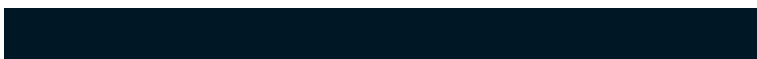
63, 32.689, 289.316



41, 3.452, 244.275



41, 41.902, 271.064



7, 13.261, 259.337

Previews

White Background



This preview shows how the CIELCh color 71, 21.963, 60.020 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, 21.963, 60.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

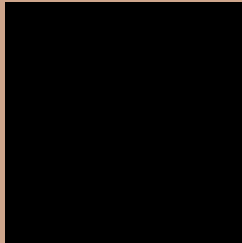
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 21.963, 60.020

Background



This preview shows how black text looks on a background with the CIELCh color 71, 21.963, 60.020.

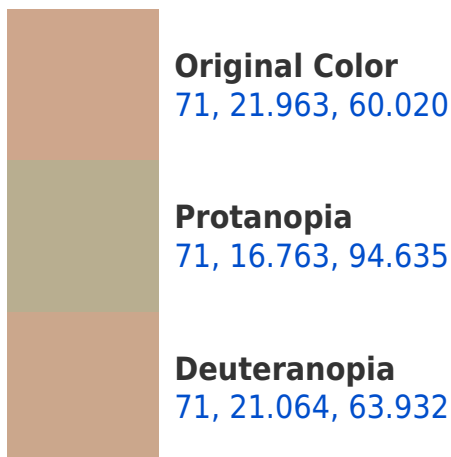


This preview shows how white text looks on a background with the CIELCh color 71, 21.963, 60.020.

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, 19.743, 0.413

Trichromacy



Original Color
71, 21.963, 60.020

Protanomaly
71, 17.988, 80.190

Deuteranomaly
71, 21.372, 63.162

Tritanomaly
71, 17.818, 22.713

Monochromacy



Original Color
71, 21.963, 60.020

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.695, 64.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 21.963, 60.020 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(206, 166, 140)` looks like.

```
.text, #text, p{  
    color:rgb(206, 166, 140)  
}
```

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(206, 166, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 166, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 21.963, 60.020 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(206, 166, 140) }
```

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

```
.border{ border-color:rgb(206, 166, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 166, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 166, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 166, 140);  
box-shadow:4px 4px 4px 4px rgb(206, 166,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 21.963, 60.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 166, 140) }
```

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

```
.background{ background-color: rgb(206,  
166, 140) }
```

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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