

Converting Colors

CIELCh(71, 20.270, 62.544)

Have a look what the booklet for
CIELCh(71, 20.270, 62.544) contains.

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Color

CIELCh(71, 20.261, 61.970)

Conversions

Conversions Part 1

Format	Color
Hex	CBA78E
RGB	203, 167, 142
RGB Percent	80%, 65%, 56%
CMY	0.2047, 0.3458, 0.4438
CMYK	0.00, 0.18, 0.30, 0.20
HSL	25°, 37%, 68%
HSV	25°, 30%, 80%
XYZ	43.2304, 42.1875, 31.3857
YIQ	174.9140, 29.4810, -0.1430

Conversions

Conversions Part 2

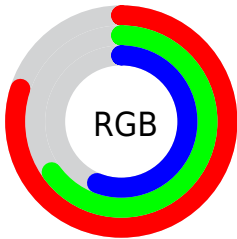
Format	Color
R _Y B	203, 184, 142
Decimal	13346702
CIE Lab	71.00, 9.52, 17.88
CIE LCh	71, 20.261, 61.970
Yxy	42.1875, 0.3701, 0.3612
Android (android.graphics.Color)	4291536782 (0xFFCBA78E)
YUV	174.9140, -16.2266, 24.6314
Hunter-Lab	64.9519, 5.1395, 16.8165

Details

The CIELCh color **71, 20.261, 61.970** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71, 17.780, 249.325**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 18.541, 66.089**, and **51, 20.159, 61.388** is the 20% darker color. If you saturate the color by 10%, you get **68, 27.869, 61.002**, and if you desaturate by 10%, it is **74, 13.105, 62.979**.

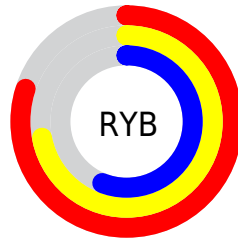
Distribution



Red (80%)

Green (65%)

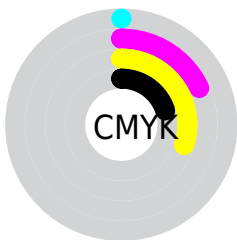
Blue (56%)



Red (80%)

Yellow (72%)

Blue (56%)

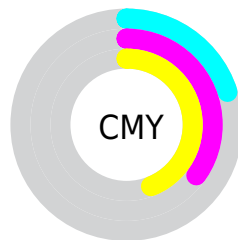


Cyan (0%)

Magenta (18%)

Yellow (30%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 20.261, 61.970 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, 20.261, 61.970 by changing the saturation by 10% instead.

71, 20.261, 61.970

71, 20.261, 61.970

100, 20.261,
61.970

61, 20.261, 61.970

91, 20.261, 61.970

51, 20.261, 61.970

41, 20.261, 61.970

31, 20.261, 61.970

21, 20.261, 61.970

11, 20.261, 61.970

1, 20.261, 61.970

0, 20.261, 61.970

71, 20.261, 61.970

71, 20.261, 61.970

68, 27.869, 61.002

74, 13.105, 62.979

64, 35.928, 60.060

78, 6.376, 63.976

61, 44.382, 59.143

82, 0.038, 53.297

58, 53.065, 58.206

85, 5.951, 246.197

55, 61.587, 57.122

89, 11.629,
247.184

53, 69.159, 55.614

92, 14.314,
235.226

51, 75.066, 53.551

95, 15.874,
206.705

97, 17.240,
198.362

Harmonies

Complementary

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



71, 20.261, 61.970



71, 17.780, 249.325

Rectangle

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



71, 20.261, 61.970



71, 20.261, 111.970



71, 20.261, 241.970



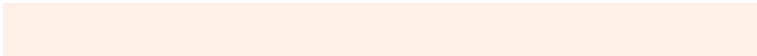
71, 20.261, 291.970

Sweetspot

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



71, 20.261, 61.978



96, 6.842, 64.067



66, 30.367, 341.096



51, 4.776, 63.925



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, 20.261, 61.978



85, 29.812, 61.348



79, 29.069, 102.619



41, 3.601, 64.041



42, 64.323, 54.126



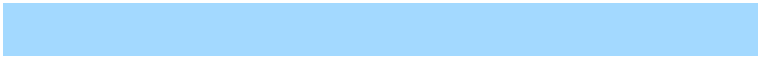
7, 14.593, 47.242

Inverse Universe

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



71, 17.780, 249.325



84, 25.335, 250.583



63, 30.765, 289.749



41, 3.476, 246.233



40, 43.255, 273.253



7, 13.521, 261.450

Previews

White Background



This preview shows how the CIELCh color 71, 20.261, 61.970 looks on a white background.

Color Contrast Check

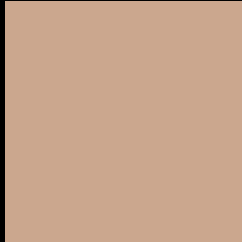
Large Text (above 18pt) WCAG AA × Fail

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, 20.261, 61.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

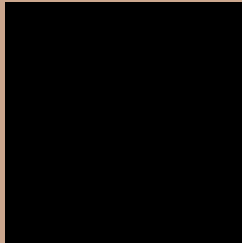
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 20.261, 61.970

Background



This preview shows how black text looks on a background with the CIELCh color 71, 20.261, 61.970.

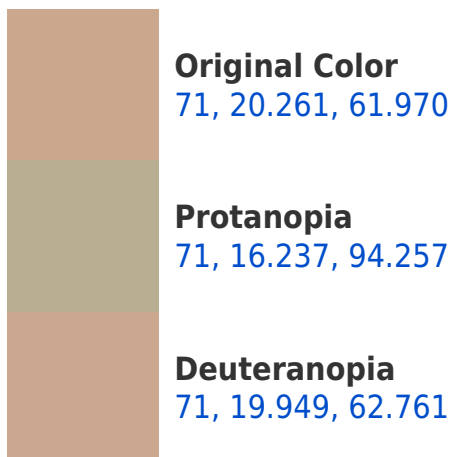


This preview shows how white text looks on a background with the CIELCh color 71, 20.261, 61.970.

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](#).

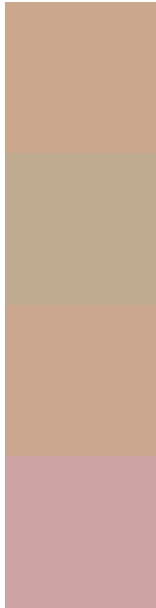
Dichromacy





Tritanopia
71, 18.273, 358.461

Trichromacy



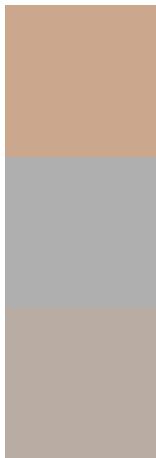
Original Color
71, 20.261, 61.970

Protanomaly
71, 16.816, 79.856

Deuteranomaly
71, 19.949, 62.761

Tritanomaly
71, 16.175, 22.731

Monochromacy



Original Color
71, 20.261, 61.970

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.023, 63.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 20.261, 61.970 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(203, 167, 142)` looks like.

```
.text, #text, p{  
    color:rgb(203, 167, 142)  
}
```

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(203, 167, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 167, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 20.261, 61.970 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(203, 167, 142) }
```

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

```
.border{ border-color:rgb(203, 167, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 167, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 167, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 167, 142);  
box-shadow:4px 4px 4px 4px rgb(203, 167,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 20.261, 61.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 167, 142) }
```

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

```
.background{ background-color: rgb(203,  
167, 142) }
```

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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