

Converting Colors

CIELCh(71, 19.874, 51.651)

Have a look what the booklet for
CIELCh(71, 19.874, 51.651) contains.

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Color

CIELCh(71, 19.846, 51.659)

Conversions

Conversions Part 1

Format	Color
Hex	CEA592
RGB	206, 165, 146
RGB Percent	81%, 65%, 57%
CMY	0.1915, 0.3523, 0.4269
CMYK	0.00, 0.20, 0.29, 0.19
HSL	19°, 38%, 69%
HSV	19°, 29%, 81%
XYZ	44.1783, 42.1875, 33.0673
YIQ	175.0930, 30.5350, 2.7830

Conversions

Conversions Part 2

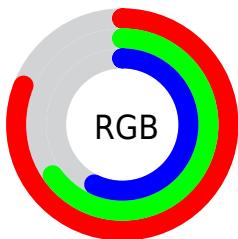
Format	Color
R _Y B	206, 174, 146
Decimal	13542802
CIE Lab	71.00, 12.31, 15.57
CIE LCh	71, 19.846, 51.659
Yxy	42.1875, 0.3699, 0.3532
Android (android.graphics.Color)	4291732882 (0xFFCEA592)
YUV	175.0930, -14.3428, 27.1054
Hunter-Lab	64.9519, 7.7444, 15.2815

Details

The CIELCh color **71, 19.846, 51.659** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 16.771, 236.712**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 16.951, 57.495**, and **51, 20.139, 51.790** is the 20% darker color. If you saturate the color by 10%, you get **67, 27.701, 51.147**, and if you desaturate by 10%, it is **75, 12.545, 52.264**.

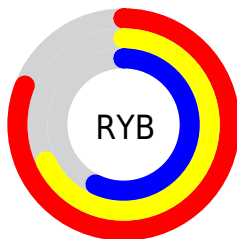
Distribution



Red (81%)

Green (65%)

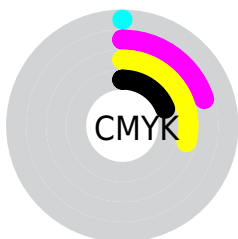
Blue (57%)



Red (81%)

Yellow (68%)

Blue (57%)

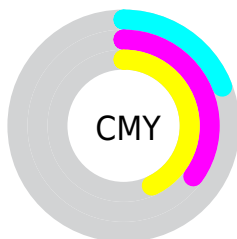


Cyan (0%)

Magenta (20%)

Yellow (29%)

Black (19%)



Cyan (19%)

Magenta (35%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 19.846, 51.659 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, 19.846, 51.659 by changing the saturation by 10% instead.

■ 71, 19.846, 51.659

■ 71, 19.846, 51.659

■ 100, 19.846,
51.659

■ 61, 19.846, 51.659

■ 91, 19.846, 51.659

■ 51, 19.846, 51.659

■ 41, 19.846, 51.659

■ 31, 19.846, 51.659

■ 21, 19.846, 51.659

■ 11, 19.846, 51.659

■ 1, 19.846, 51.659

■ 0, 19.846, 51.659

■ 71, 19.846, 51.659

■ 71, 19.846, 51.659

67, 27.701, 51.147

75, 12.545, 52.264

63, 36.125, 50.727

79, 5.763, 52.893

60, 45.080, 50.411

83, 0.549, 234.629

56, 54.431, 50.172

87, 6.439, 234.533

53, 63.831, 49.897

92, 11.956,
235.263

51, 72.510, 49.302

95, 14.608,
209.411

48, 79.432, 48.073

48, 80.041, 48.001

97, 16.203,
198.429

Harmonies

Complementary

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



71, 19.846, 51.659



74, 16.771, 236.712

Rectangle

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



71, 19.846, 51.659



71, 19.846, 101.659



71, 19.846, 231.659



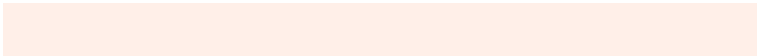
71, 19.846, 281.659

Sweetspot

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



71, 19.845, 51.667



96, 6.765, 52.893



68, 31.504, 337.105



50, 4.727, 52.802



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, 19.845, 51.667



83, 29.048, 51.328



79, 26.327, 98.046



41, 3.561, 52.876



39, 67.668, 48.538



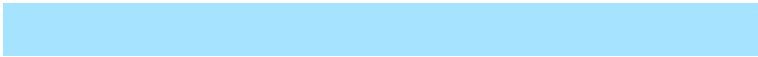
6, 15.151, 38.616

Inverse Universe

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



74, 16.771, 236.712



87, 23.526, 237.685



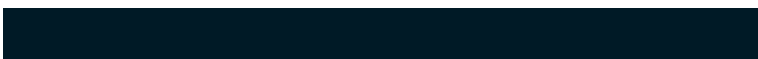
66, 27.335, 285.414



41, 3.394, 234.492



45, 36.301, 258.717



8, 12.235, 247.114

Previews

White Background



This preview shows how the CIELCh color 71, 19.846, 51.659 looks on a white background.

Color Contrast Check

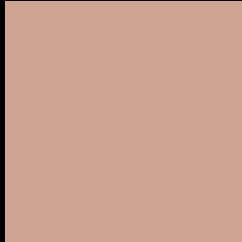
Large Text (above 18pt) WCAG AA × Fail

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, 19.846, 51.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

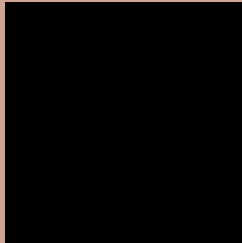
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 19.846, 51.659

Background



This preview shows how black text looks on a background with the CIELCh color 71, 19.846, 51.659.

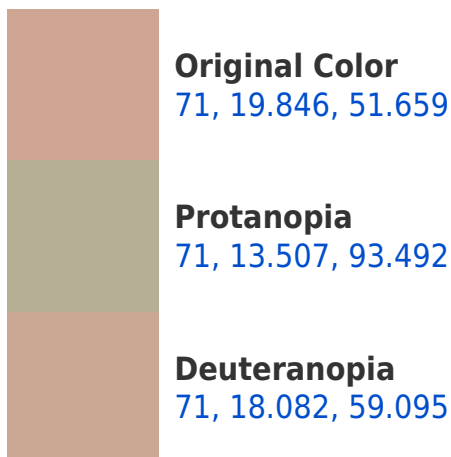


This preview shows how white text looks on a background with the CIELCh color 71, 19.846, 51.659.

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



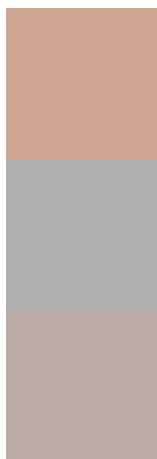
Original Color
71, 19.846, 51.659

Protanomaly
71, 14.447, 75.186

Deuteranomaly
71, 18.749, 55.552

Tritanomaly
71, 17.727, 19.252

Monochromacy



Original Color
71, 19.846, 51.659

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 6.654, 49.067

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 19.846, 51.659 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, 165, 146)` looks like.

```
.text, #text, p{  
    color:rgb(206, 165, 146)  
}
```

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, 165, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 165, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 19.846, 51.659 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, 165, 146) }
```

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

```
.border{ border-color:rgb(206, 165, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 165, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 165, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 165, 146);  
box-shadow:4px 4px 4px 4px rgb(206, 165,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 19.846, 51.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 165, 146) }
```

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

```
.background{ background-color: rgb(206,  
165, 146) }
```

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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