

Converting Colors

CIELCh(71, 16.255, 19.658)

Have a look what the booklet for
CIELCh(71, 16.255, 19.658) contains.

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Color

CIELCh(71, 16.125, 20.827)

Conversions

Conversions Part 1

Format	Color
Hex	CDA4A4
RGB	205, 164, 164
RGB Percent	80%, 64%, 64%
CMY	0.1963, 0.3570, 0.3570
CMYK	0.00, 0.20, 0.20, 0.20
HSL	0°, 29%, 72%
HSV	0°, 20%, 80%
XYZ	45.1295, 42.1875, 40.8667
YIQ	176.2590, 24.4360, 8.6920

Conversions

Conversions Part 2

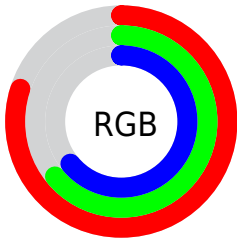
Format	Color
R _Y B	205, 164, 164
Decimal	13477028
CIE Lab	71.00, 15.07, 5.73
CIE LCh	71, 16.125, 20.827
Yxy	42.1875, 0.3521, 0.3291
Android (android.graphics.Color)	4291667108 (0xFFCDA4A4)
YUV	176.2590, -6.0437, 25.2059
Hunter-Lab	64.9519, 10.3585, 8.1620

Details

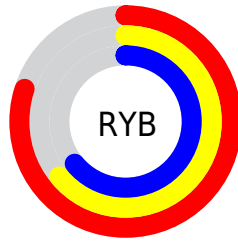
The CIELCh color $71, 16.125, 20.827$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $80, 14.143, 198.406$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 13.288, 20.321$, and $51, 16.128, 21.304$ is the 20% darker color. If you saturate the color by 10%, you get $66, 25.122, 21.908$, and if you desaturate by 10%, it is $77, 7.752, 19.980$.

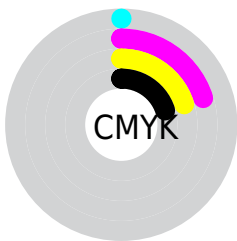
Distribution



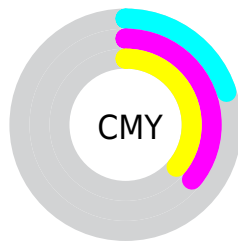
- Red (80%)
- Green (64%)
- Blue (64%)



- Red (80%)
- Yellow (64%)
- Blue (64%)



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



- Cyan (20%)
- Magenta (36%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 16.125, 20.827 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, 16.125, 20.827 by changing the saturation by 10% instead.

71, 16.125, 20.827

71, 16.125, 20.827

100, 16.125,
20.827

61, 16.125, 20.827

91, 16.125, 20.827

51, 16.125, 20.827

41, 16.125, 20.827

31, 16.125, 20.827

21, 16.125, 20.827

11, 16.125, 20.827

1, 16.125, 20.827

0, 16.125, 20.827

71, 16.125, 20.827

71, 16.125, 20.827

66, 25.122, 21.908

77, 7.752, 19.980

60, 34.702, 23.302

82, 0.010, 306.923

56, 44.735, 25.121

88, 7.162, 199.000

51, 54.999, 27.476

94, 13.797,
198.568

48, 65.167, 30.436

97, 16.576,
198.405

45, 74.779, 33.906

44, 82.972, 37.371

43, 88.698, 40.001

Harmonies

Complementary

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



71, 16.125, 20.827



80, 14.143, 198.406

Rectangle

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



71, 16.125, 20.827



71, 16.125, 70.827



71, 16.125, 200.827



71, 16.125, 250.827

Sweetspot

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



71, 16.123, 20.834



96, 5.467, 19.664



72, 26.789, 325.524



51, 3.636, 19.719



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, 16.123, 20.834



84, 23.485, 21.263



76, 13.664, 72.942



40, 4.369, 19.932



34, 75.552, 39.824



4, 17.909, 19.409

Inverse Universe

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



80, 14.143, 198.406



96, 19.971, 198.197



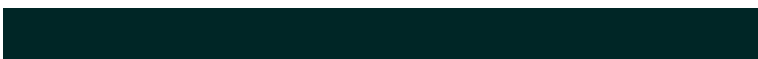
74, 12.965, 258.294



42, 4.119, 198.984



62, 36.297, 196.399



13, 13.512, 196.397

Previews

White Background



This preview shows how the CIELCh color 71, 16.125, 20.827 looks on a white background.

Color Contrast Check

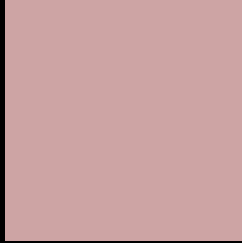
Large Text (above 18pt) WCAG AA × Fail

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, 16.125, 20.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

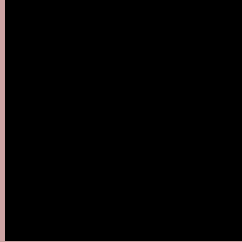
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 16.125, 20.827

Background



This preview shows how black text looks on a background with the CIELCh color 71, 16.125, 20.827.



This preview shows how white text looks on a background with the CIELCh color 71, 16.125, 20.827.

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, 16.125, 20.827

Protanopia

71, 2.875, 68.481

Deuteranopia

71, 10.931, 34.572



Tritanopia
71, 18.273, 358.461

Trichromacy



Original Color
71, 16.125, 20.827

Protanomaly
71, 7.136, 33.097

Deuteranomaly
71, 12.771, 30.183

Tritanomaly
71, 17.186, 6.420

Monochromacy



Original Color
71, 16.125, 20.827

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 5.725, 19.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 16.125, 20.827 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(205, 164, 164)` looks like.

```
.text, #text, p{  
    color:rgb(205, 164, 164)  
}
```

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(205, 164, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 164, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 16.125, 20.827 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(205, 164, 164) }
```

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

```
.border{ border-color:rgb(205, 164, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 164, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 164, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 164, 164);  
box-shadow:4px 4px 4px 4px rgb(205, 164,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 16.125, 20.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 164, 164) }
```

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

```
.background{ background-color: rgb(205,  
164, 164) }
```

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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