

Converting Colors

CIELCh(73, 21.596, 68.272)

Have a look what the booklet for
CIELCh(73, 21.596, 68.272) contains.

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Color

CIELCh(73, 21.569, 68.289)

Conversions

Conversions Part 1

Format	Color
Hex	CFAD8F
RGB	207, 173, 143
RGB Percent	81%, 68%, 56%
CMY	0.1880, 0.3213, 0.4390
CMYK	0.00, 0.16, 0.31, 0.19
HSL	28°, 40%, 69%
HSV	28°, 31%, 81%
XYZ	45.6620, 45.1644, 32.3168
YIQ	179.7460, 29.8940, -2.1220

Conversions

Conversions Part 2

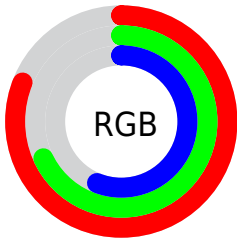
Format	Color
R_{YB}	207, 199, 143
Decimal	13610383
CIE _{Lab}	73.00, 7.98, 20.04
CIE _{LCh}	73, 21.569, 68.289
Yxy	45.1644, 0.3708, 0.3668
Android (android.graphics.Color)	4291800463 (0xFFCFAD8F)
YUV	179.7460, -18.1158, 23.9018
Hunter-Lab	67.2044, 3.6739, 18.5321

Details

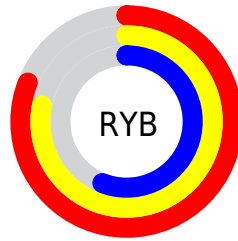
The CIELCh color **73, 21.569, 68.289** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71, 19.465, 256.740**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 19.070, 76.124**, and **53, 21.491, 68.067** is the 20% darker color. If you saturate the color by 10%, you get **70, 29.314, 67.114**, and if you desaturate by 10%, it is **76, 14.210, 69.476**.

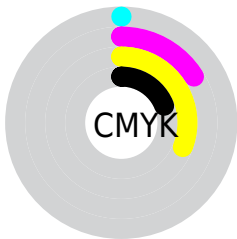
Distribution



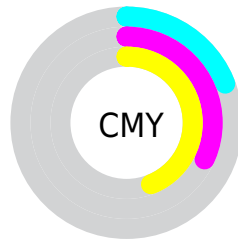
- Red (81%)
- Green (68%)
- Blue (56%)



- Red (81%)
- Yellow (78%)
- Blue (56%)



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (19%)



- Cyan (19%)
- Magenta (32%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 21.569, 68.289 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 73, 21.569, 68.289 by changing the saturation by 10% instead.

 73, 21.569, 68.289

 73, 21.569, 68.289

 100, 21.569,
68.289

 63, 21.569, 68.289

 93, 21.569, 68.289

 53, 21.569, 68.289

 43, 21.569, 68.289

 33, 21.569, 68.289

 23, 21.569, 68.289

 13, 21.569, 68.289

 3, 21.569, 68.289

 0, 21.569, 68.289

 73, 21.569, 68.289

 73, 21.569, 68.289

70, 29.314, 67.114

76, 14.210, 69.476

67, 37.426, 65.933

80, 7.223, 70.634

64, 45.822, 64.735

83, 0.582, 71.171

61, 54.292, 63.467

86, 5.746, 253.084

58, 62.384, 61.996

90, 11.795,
254.170

56, 69.260, 60.051

93, 13.236,
237.550

54, 74.001, 57.782

96, 14.425,
208.771

97, 15.923,
198.447

Harmonies

Complementary

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



73, 21.569, 68.289



71, 19.465, 256.740

Rectangle

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



73, 21.569, 68.289



73, 21.569, 118.289



73, 21.569, 248.289



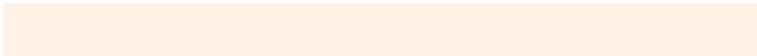
73, 21.569, 298.289

Sweetspot

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



73, 21.569, 68.296



96, 7.022, 70.835



67, 30.427, 344.672



51, 4.898, 70.671



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 21.569, 68.296



86, 31.108, 67.524



81, 32.362, 105.744



42, 3.771, 70.802



44, 63.200, 58.380



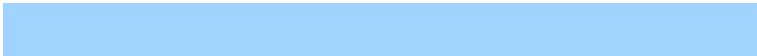
8, 15.739, 54.772

Inverse Universe

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



71, 19.465, 256.740



83, 27.387, 258.125



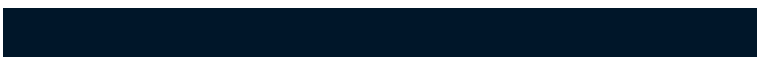
62, 34.720, 292.729



42, 3.672, 253.216



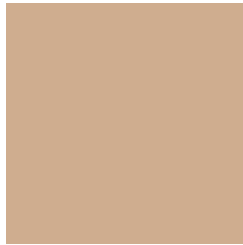
38, 49.348, 280.479



7, 15.533, 268.947

Previews

White Background



This preview shows how the CIELCh color 73, 21.569, 68.289 looks on a white background.

Color Contrast Check

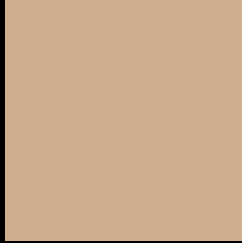
Large Text (above 18pt) WCAG AA × Fail

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 73, 21.569, 68.289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

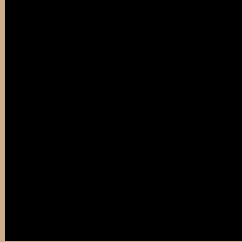
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 21.569, 68.289

Background



This preview shows how black text looks on a background with the CIELCh color 73, 21.569, 68.289.



This preview shows how white text looks on a background with the CIELCh color 73, 21.569, 68.289.

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


73, 21.569, 68.289

Protanopia

73, 18.344, 94.454

Deuteranopia

73, 22.043, 65.047



Tritanopia
73, 17.800, 357.865

Trichromacy



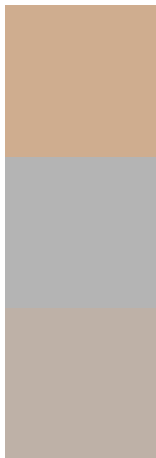
Original Color
73, 21.569, 68.289

Protanomaly
73, 18.964, 84.501

Deuteranomaly
73, 21.747, 65.818

Tritanomaly
73, 15.804, 26.565

Monochromacy



Original Color
73, 21.569, 68.289

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 7.377, 66.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 21.569, 68.289 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(207, 173, 143)` looks like.

```
.text, #text, p{  
    color:rgb(207, 173, 143)  
}
```

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(207, 173, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 173, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 21.569, 68.289 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(207, 173, 143) }
```

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

```
.border{ border-color:rgb(207, 173, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 173, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 173, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 173, 143);  
box-shadow:4px 4px 4px 4px rgb(207, 173,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 21.569, 68.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 173, 143) }
```

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

```
.background{ background-color: rgb(207,  
173, 143) }
```

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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