

Converting Colors

CIELCh(70, 19.662, 56.346)

Have a look what the booklet for
CIELCh(70, 19.662, 56.346) contains.

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Color

CIELCh(70, 19.525, 56.025)

Conversions

Conversions Part 1

Format	Color
Hex	C9A38E
RGB	201, 163, 142
RGB Percent	79%, 64%, 56%
CMY	0.2103, 0.3594, 0.4418
CMYK	0.00, 0.19, 0.29, 0.21
HSL	21°, 35%, 67%
HSV	21°, 29%, 79%
XYZ	42.2529, 40.7494, 31.3633
YIQ	171.9680, 29.3890, 1.5250

Conversions

Conversions Part 2

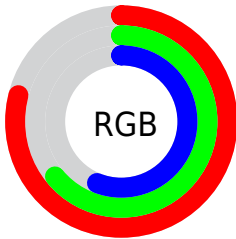
Format	Color
RYB	201, 175, 142
Decimal	13214606
CIELab	70.00, 10.91, 16.19
CIELCh	70, 19.525, 56.025
Yxy	40.7494, 0.3695, 0.3563
Android (android.graphics.Color)	4291404686 (0xFFC9A38E)
YUV	171.9680, -14.7742, 25.4611
Hunter-Lab	63.8353, 6.4383, 15.5545

Details

The CIELCh color **70, 19.525, 56.025** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71, 16.759, 242.085**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 18.292, 58.422**, and **50, 19.429, 55.083** is the 20% darker color. If you saturate the color by 10%, you get **66, 27.139, 55.303**, and if you desaturate by 10%, it is **74, 12.417, 56.816**.

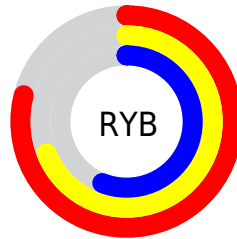
Distribution



Red (79%)

Green (64%)

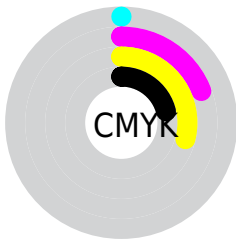
Blue (56%)



Red (79%)

Yellow (69%)

Blue (56%)

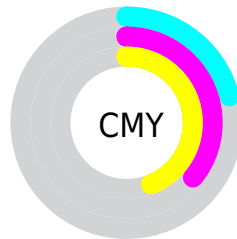


Cyan (0%)

Magenta (19%)

Yellow (29%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 19.525, 56.025 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 70, 19.525, 56.025 by changing the saturation by 10% instead.

 70, 19.525, 56.025

 70, 19.525, 56.025

 100, 19.525,
56.025

 60, 19.525, 56.025

 90, 19.525, 56.025

 50, 19.525, 56.025

 40, 19.525, 56.025

 30, 19.525, 56.025

 20, 19.525, 56.025

 10, 19.525, 56.025

 0, 19.525, 56.025

 70, 19.525, 56.025

 70, 19.525, 56.025

 66, 27.139, 55.303

 74, 12.417, 56.816

63, 35.270, 54.644

78, 5.784, 57.615

60, 43.879, 54.054

81, 0.419, 239.705

56, 52.824, 53.497

85, 6.235, 239.530

53, 61.760, 52.860

89, 11.711,
240.383

51, 69.934, 51.863

93, 14.724,
227.859

48, 76.462, 50.263

48, 76.913, 50.181

96, 17.388,
199.829

96, 17.683,
198.334

Harmonies

Complementary

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



70, 19.525, 56.025



71, 16.759, 242.085

Rectangle

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



70, 19.525, 56.025



70, 19.525, 106.025



70, 19.525, 236.025



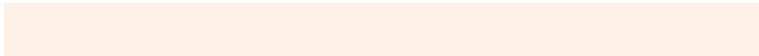
70, 19.525, 286.025

Sweetspot

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



70, 19.525, 56.033



96, 6.766, 57.629



66, 30.427, 338.623



50, 4.726, 57.515



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 19.525, 56.033



84, 28.868, 55.575



77, 26.856, 99.993



40, 3.487, 57.610



39, 65.449, 50.749



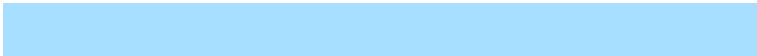
6, 13.292, 42.479

Inverse Universe

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



71, 16.759, 242.085



86, 23.872, 243.154



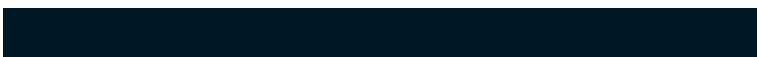
64, 28.099, 287.206



40, 3.340, 239.496



42, 38.453, 265.279



7, 11.915, 253.759

Previews

White Background



This preview shows how the CIELCh color 70, 19.525, 56.025 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 70, 19.525, 56.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

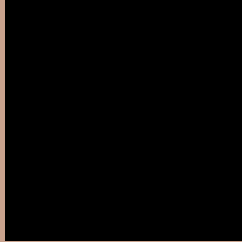
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 19.525, 56.025

Background



This preview shows how black text looks on a background with the CIELCh color 70, 19.525, 56.025.



This preview shows how white text looks on a background with the CIELCh color 70, 19.525, 56.025.

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


70, 19.525, 56.025

Protanopia

70, 14.078, 93.962

Deuteranopia

70, 18.583, 62.248



Tritanopia
70, 18.899, 1.061

Trichromacy



Original Color
70, 19.525, 56.025

Protanomaly
70, 14.966, 76.203

Deuteranomaly
70, 18.860, 59.448

Tritanomaly
70, 16.998, 20.930

Monochromacy



Original Color
70, 19.525, 56.025

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.975, 58.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 19.525, 56.025 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(201, 163, 142)` looks like.

```
.text, #text, p{  
    color:rgb(201, 163, 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(201, 163, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 163, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 19.525, 56.025 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(201, 163, 142) }
```

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

```
.border{ border-color:rgb(201, 163, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 163, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 163, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 163, 142); box-shadow:4px 4px 4px 4px rgb(201, 163, 142) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 19.525, 56.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 163, 142) }
```

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

```
.background{ background-color: rgb(201,  
163, 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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