

Converting Colors

CIELCh(70, 18.459, 56.265)

Have a look what the booklet for
CIELCh(70, 18.459, 56.265) contains.

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Color

CIELCh(70, 18.459, 56.265)

Conversions

Conversions Part 1

Format	Color
Hex	C8A490
RGB	200, 164, 144
RGB Percent	78%, 64%, 56%
CMY	0.2164, 0.3575, 0.4360
CMYK	0.00, 0.18, 0.28, 0.22
HSL	21°, 34%, 67%
HSV	21°, 28%, 78%
XYZ	42.0341, 40.7494, 31.9662
YIQ	172.4840, 27.8760, 1.4120

Conversions

Conversions Part 2

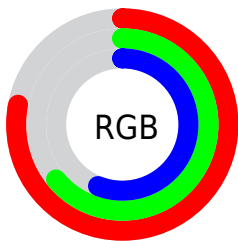
Format	Color
RYB	200, 175, 144
Decimal	13149328
CIELab	70.00, 10.25, 15.35
CIElCh	70, 18.459, 56.265
Yxy	40.7494, 0.3663, 0.3551
Android (android.graphics.Color)	4291339408 (0xFFC8A490)
YUV	172.4840, -14.0426, 24.1315
Hunter-Lab	63.8353, 5.8264, 14.9946

Details

The CIELCh color $70, 18.459, 56.265$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $71, 15.975, 242.044$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 17.620, 57.978$, and $50, 18.252, 55.328$ is the 20% darker color. If you saturate the color by 10%, you get $66, 25.956, 55.530$, and if you desaturate by 10%, it is $74, 11.461, 57.067$.

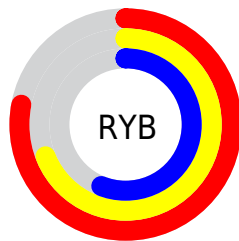
Distribution



Red (78%)

Green (64%)

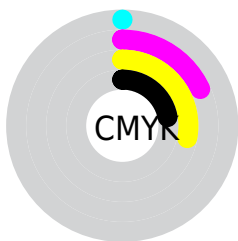
Blue (56%)



Red (78%)

Yellow (69%)

Blue (56%)

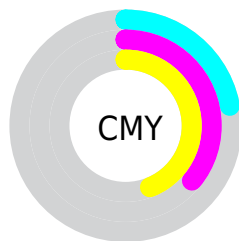


Cyan (0%)

Magenta (18%)

Yellow (28%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 18.459, 56.265 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, 18.459, 56.265 by changing the saturation by 10% instead.

 70, 18.459, 56.265

 70, 18.459, 56.265

 100, 18.459,
56.265

 60, 18.459, 56.265

 90, 18.459, 56.265

 50, 18.459, 56.265

 40, 18.459, 56.265

 30, 18.459, 56.265

 20, 18.459, 56.265

 10, 18.459, 56.265

 0, 18.459, 56.265

 70, 18.459, 56.265

 70, 18.459, 56.265

 66, 25.956, 55.530

 74, 11.461, 57.067

63, 33.965, 54.854

77, 4.927, 57.864

60, 42.456, 54.247

81, 1.185, 239.236

56, 51.308, 53.681

85, 6.921, 239.796

53, 60.212, 53.056

89, 12.324,
240.656

51, 68.488, 52.121

93, 15.131,
227.610

48, 75.121, 50.527

48, 76.402, 50.273

96, 17.732,
200.447

96, 18.158,
198.304

Harmonies

Complementary

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



70, 18.459, 56.265



71, 15.975, 242.044

Rectangle

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



70, 18.459, 56.265



70, 18.459, 106.265



70, 18.459, 236.265



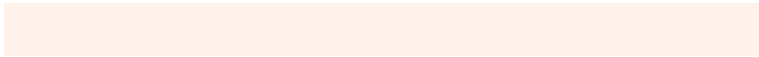
70, 18.459, 286.265

Sweetspot

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



70, 18.459, 56.273



96, 5.994, 57.856



66, 28.902, 338.511



51, 4.282, 57.740



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, 18.459, 56.273



85, 27.939, 55.785



77, 25.513, 100.143



40, 3.488, 57.760



39, 65.404, 50.822



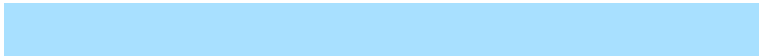
6, 13.287, 42.588

Inverse Universe

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



71, 15.975, 242.044



86, 23.264, 243.140



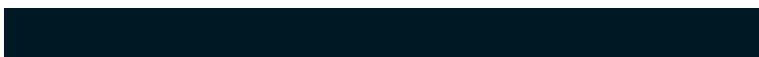
64, 26.630, 286.989



40, 3.341, 239.655



42, 38.543, 265.478



7, 11.930, 253.943

Previews

White Background



This preview shows how the CIELCh color 70, 18.459, 56.265 looks on a white background.

Color Contrast Check

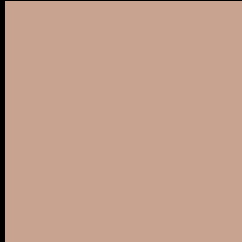
Large Text (above 18pt) WCAG AA × Fail

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, 18.459, 56.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

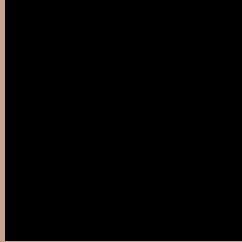
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 18.459, 56.265

Background



This preview shows how black text looks on a background with the CIELCh color 70, 18.459, 56.265.



This preview shows how white text looks on a background with the CIELCh color 70, 18.459, 56.265.

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, 18.459, 56.265

Protanopia

70, 13.551, 93.458

Deuteranopia

70, 17.807, 59.902



Tritanopia
70, 17.780, 359.597

Trichromacy



Original Color
70, 18.459, 56.265

Protanomaly
70, 14.272, 76.496

Deuteranomaly
70, 18.132, 59.073

Tritanomaly
70, 16.155, 18.942

Monochromacy



Original Color
70, 18.459, 56.265

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.318, 56.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 18.459, 56.265 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(200, 164, 144)` looks like.

```
.text, #text, p{  
    color:rgb(200, 164, 144)  
}
```

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(200, 164, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 164, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 18.459, 56.265 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(200, 164, 144) }
```

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

```
.border{ border-color:rgb(200, 164, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 164, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 164, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 164, 144);  
box-shadow:4px 4px 4px 4px rgb(200, 164,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 18.459, 56.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 164, 144) }
```

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

```
.background{ background-color: rgb(200,  
164, 144) }
```

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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