

Converting Colors

CIELCh(70, 23.955, 49.150)

Have a look what the booklet for
CIELCh(70, 23.955, 49.150) contains.

CIELCh(70, 23.955, 49.150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 23.955, 49.150)

Conversions

Conversions Part 1

Format	Color
Hex	D2A08B
RGB	210, 160, 139
RGB Percent	82%, 63%, 55%
CMY	0.1761, 0.3722, 0.4546
CMYK	0.00, 0.24, 0.34, 0.18
HSL	18°, 44%, 68%
HSV	18°, 34%, 82%
XYZ	43.8529, 40.7494, 30.0096
YIQ	172.5560, 36.5410, 4.0690

Conversions

Conversions Part 2

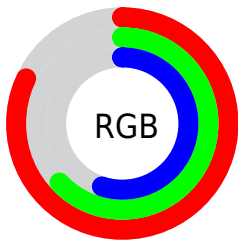
Format	Color
R _Y B	210, 169, 139
Decimal	13803659
CIE Lab	70.00, 15.67, 18.12
CIE LCh	70, 23.955, 49.150
Yxy	40.7494, 0.3826, 0.3555
Android (android.graphics.Color)	4291993739 (0xFFD2A08B)
YUV	172.5560, -16.5431, 32.8384
Hunter-Lab	63.8353, 10.9125, 16.8119

Details

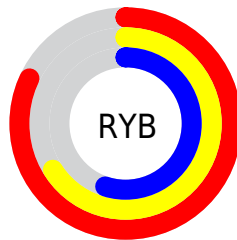
The CIELCh color **70, 23.955, 49.150** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 19.433, 234.492**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 19.294, 56.263**, and **50, 23.947, 48.526** is the 20% darker color. If you saturate the color by 10%, you get **66, 32.282, 48.810**, and if you desaturate by 10%, it is **74, 16.219, 49.607**.

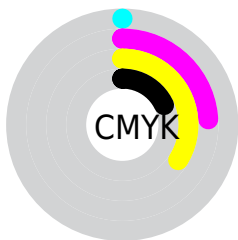
Distribution



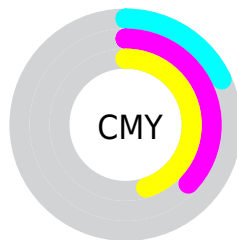
- Red (82%)
- Green (63%)
- Blue (55%)



- Red (82%)
- Yellow (66%)
- Blue (55%)



- Cyan (0%)
- Magenta (24%)
- Yellow (34%)
- Black (18%)



- Cyan (18%)
- Magenta (37%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 23.955, 49.150 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, 23.955, 49.150 by changing the saturation by 10% instead.

 70, 23.955, 49.150

 70, 23.955, 49.150

 100, 23.955,
49.150

 60, 23.955, 49.150

 90, 23.955, 49.150

 50, 23.955, 49.150

 40, 23.955, 49.150

 30, 23.955, 49.150

 20, 23.955, 49.150

 10, 23.955, 49.150

 0, 23.955, 49.150

 70, 23.955, 49.150

 70, 23.955, 49.150

 66, 32.282, 48.810

 74, 16.219, 49.607

62, 41.197, 48.587

78, 9.049, 50.129

59, 50.622, 48.483

83, 2.398, 50.579

55, 60.337, 48.443

87, 3.786, 231.594

52, 69.819, 48.286

91, 9.555, 232.195

50, 77.965, 47.585

95, 13.209,
212.561

48, 82.138, 46.946

97, 14.972,
198.509

Harmonies

Complementary

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



70, 23.955, 49.150



74, 19.433, 234.492

Rectangle

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



70, 23.955, 49.150



70, 23.955, 99.150



70, 23.955, 229.150



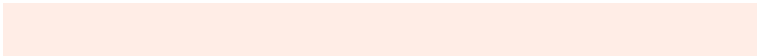
70, 23.955, 279.150

Sweetspot

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



70, 23.954, 49.157



95, 7.567, 50.325



66, 37.942, 336.044



50, 5.190, 50.250



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, 23.954, 49.157



80, 35.042, 48.881



79, 30.091, 95.359



42, 3.645, 50.362



39, 69.238, 47.458



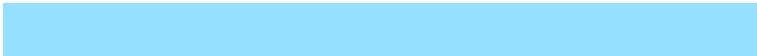
7, 16.894, 36.977

Inverse Universe

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



74, 19.433, 234.492



86, 26.875, 235.734



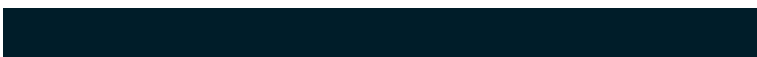
64, 31.184, 284.375



42, 3.465, 231.819



47, 35.528, 254.951



9, 12.642, 243.507

Previews

White Background



This preview shows how the CIELCh color 70, 23.955, 49.150 looks on a white background.

Color Contrast Check

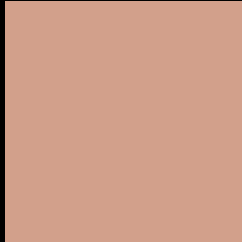
Large Text (above 18pt) WCAG AA × Fail

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, 23.955, 49.150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

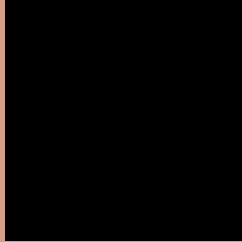
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 23.955, 49.150

Background



This preview shows how black text looks on a background with the CIELCh color 70, 23.955, 49.150.



This preview shows how white text looks on a background with the CIELCh color 70, 23.955, 49.150.

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, 23.955, 49.150

Protanopia

70, 15.237, 93.373

Deuteranopia

70, 20.517, 65.511



Tritanopia
70, 23.098, 5.346

Trichromacy



Original Color
70, 23.955, 49.150

Protanomaly
70, 17.108, 72.207

Deuteranomaly
70, 21.673, 58.995

Tritanomaly
70, 21.997, 21.439

Monochromacy



Original Color
70, 23.955, 49.150

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 7.998, 48.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 23.955, 49.150 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(210, 160, 139)` looks like.

```
.text, #text, p{  
    color:rgb(210, 160, 139)  
}
```

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(210, 160, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 160, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 23.955, 49.150 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(210, 160, 139) }
```

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

```
.border{ border-color:rgb(210, 160, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 160, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 160, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 160, 139); box-shadow:4px 4px 4px 4px rgb(210, 160, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 23.955, 49.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 160, 139) }
```

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

```
.background{ background-color: rgb(210,  
160, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor