

Converting Colors

CIELCh(74, 63.365, 87.671)

Have a look what the booklet for
CIELCh(74, 63.365, 87.671) contains.

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Color

CIELCh(74, 63.365, 87.671)

Conversions

Conversions Part 1

Format	Color
Hex	D9B139
RGB	217, 177, 57
RGB Percent	85%, 69%, 22%
CMY	0.1474, 0.3044, 0.7749
CMYK	0.00, 0.18, 0.74, 0.15
HSL	45°, 68%, 54%
HSV	45°, 74%, 85%
XYZ	45.2805, 46.7039, 10.5498
YIQ	175.2800, 62.3600, -28.8400

Conversions

Conversions Part 2

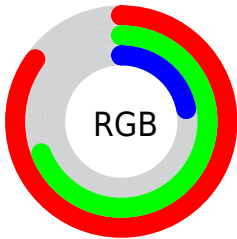
Format	Color
RYB	110, 217, 57
Decimal	14266681
CIELab	74.00, 2.57, 63.31
CIELCh	74, 63.365, 87.671
Yxy	46.7039, 0.4416, 0.4555
Android (android.graphics.Color)	4292456761 (0xFFD9B139)
YUV	175.2800, -58.3120, 36.5884
Hunter-Lab	68.3403, -1.3259, 38.6855

Details

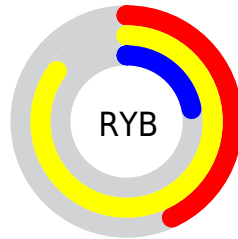
The CIELCh color **74, 63.365, 87.671** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **45, 71.058, 292.655**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 60.551, 96.160**, and **54, 59.586, 87.315** is the 20% darker color. If you saturate the color by 10%, you get **73, 69.317, 86.135**, and if you desaturate by 10%, it is **76, 55.888, 89.100**.

Distribution



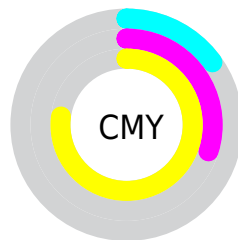
- Red (85%)
- Green (69%)
- Blue (22%)



- Red (43%)
- Yellow (85%)
- Blue (22%)



- Cyan (0%)
- Magenta (18%)
- Yellow (74%)
- Black (15%)



- Cyan (15%)
- Magenta (30%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 63.365, 87.671 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 74, 63.365, 87.671 by changing the saturation by 10% instead.

 74, 63.365, 87.671

 74, 63.365, 87.671

 100, 63.365,
87.671

 64, 63.365, 87.671

 94, 63.365, 87.671

 54, 63.365, 87.671

 44, 63.365, 87.671

 34, 63.365, 87.671

 24, 63.365, 87.671

 14, 63.365, 87.671

 4, 63.365, 87.671

 0, 63.365, 87.671

 74, 63.365, 87.671

 74, 63.365, 87.671

73, 69.317, 86.135

76, 55.888, 89.100

71, 72.986, 84.386

77, 47.545, 90.466

70, 74.259, 83.153

79, 38.772, 91.795

81, 29.830, 93.094

82, 20.864, 94.361

84, 11.954, 95.588

86, 3.139, 96.736

88, 5.563, 277.985

90, 14.147,
279.066

Harmonies

Complementary

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



74, 63.365, 87.671



45, 71.058, 292.655

Rectangle

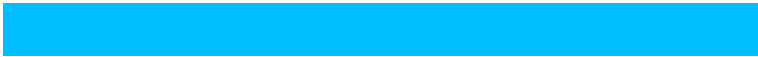
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 63.365, 87.671



74, 63.365, 137.671



74, 63.365, 267.671



74, 63.365, 317.671

Sweetspot

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



74, 63.365, 87.674



95, 22.117, 94.536



50, 65.205, 11.952



50, 14.882, 94.194



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 63.365, 87.674



83, 80.702, 85.261



82, 77.193, 115.386



45, 5.009, 96.083



57, 62.804, 83.502



14, 20.803, 86.714

Inverse Universe

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



45, 71.058, 292.655



45, 98.564, 297.563



39, 94.279, 306.312



43, 5.048, 278.414



26, 82.217, 300.457



4, 24.540, 288.648

Previews

White Background



This preview shows how the CIELCh color 74, 63.365, 87.671 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 CIE LCh color 74, 63.365, 87.671 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 74, 63.365, 87.671

Background



This preview shows how black text looks on a background with the CIELCh color 74, 63.365, 87.671.



This preview shows how white text looks on a background with the CIELCh color 74, 63.365, 87.671.

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

74, 63.365, 87.671

Protanopia

74, 62.455, 95.114

Deuteranopia

74, 63.769, 81.426



Tritanopia
74, 24.076, 4.871

Trichromacy



Original Color
74, 63.365, 87.671

Protanomaly
74, 62.724, 92.204

Deuteranomaly
74, 63.726, 83.974

Tritanomaly
74, 29.590, 59.736

Monochromacy



Original Color
74, 63.365, 87.671

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 24.045, 92.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 63.365, 87.671 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(217, 177, 57)` looks like.

```
.text, #text, p{  
    color:rgb(217, 177, 57)  
}
```

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(217, 177, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 177, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 63.365, 87.671 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(217, 177, 57) }
```

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

```
.border{ border-color:rgb(217, 177, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 177, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 177, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 177, 57);  
box-shadow:4px 4px 4px 4px rgb(217, 177,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 63.365, 87.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 177, 57) }
```

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

```
.background{ background-color: rgb(217,  
177, 57) }
```

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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