

Converting Colors

CIELCh(72, 60.312, 79.543)

Have a look what the booklet for
CIELCh(72, 60.312, 79.543) contains.

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Color

CIELCh(72, 60.267, 79.735)

Conversions

Conversions Part 1

Format	Color
Hex	DFA73F
RGB	223, 167, 63
RGB Percent	87%, 65%, 25%
CMY	0.1257, 0.3453, 0.7531
CMYK	0.00, 0.25, 0.72, 0.13
HSL	39°, 71%, 56%
HSV	39°, 72%, 87%
XYZ	45.1221, 43.6590, 10.7447
YIQ	171.8880, 66.7600, -20.4720

Conversions

Conversions Part 2

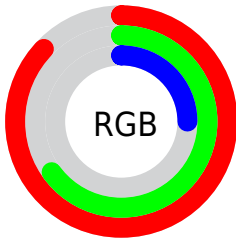
Format	Color
RYB	149, 223, 63
Decimal	14657343
CIELab	72.00, 10.74, 59.30
CIELCh	72, 60.267, 79.735
Yxy	43.6590, 0.4534, 0.4387
Android (android.graphics.Color)	4292847423 (0xFFDFA73F)
YUV	171.8880, -53.6818, 44.8252
Hunter-Lab	66.0750, 6.2651, 36.6111

Details

The CIELCh color **72, 60.267, 79.735** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **51, 60.750, 285.775**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 55.515, 91.205**, and **52, 59.355, 79.556** is the 20% darker color. If you saturate the color by 10%, you get **70, 67.185, 77.945**, and if you desaturate by 10%, it is **74, 52.231, 81.333**.

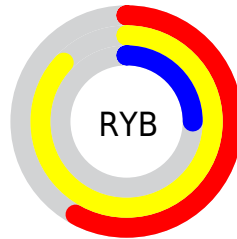
Distribution



Red (87%)

Green (65%)

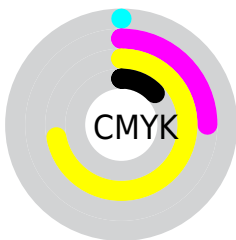
Blue (25%)



Red (58%)

Yellow (87%)

Blue (25%)

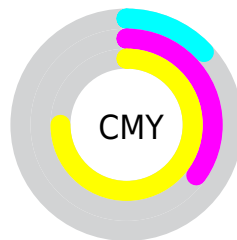


Cyan (0%)

Magenta (25%)

Yellow (72%)

Black (13%)



Cyan (13%)

Magenta (35%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 60.267, 79.735 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 72, 60.267, 79.735 by changing the saturation by 10% instead.

72, 60.267, 79.735

72, 60.267, 79.735

100, 60.267,
79.735

62, 60.267, 79.735

92, 60.267, 79.735

52, 60.267, 79.735

42, 60.267, 79.735

32, 60.267, 79.735

22, 60.267, 79.735

12, 60.267, 79.735

2, 60.267, 79.735

0, 60.267, 79.735

72, 60.267, 79.735

72, 60.267, 79.735

70, 67.185, 77.945

74, 52.231, 81.333

68, 72.122, 75.784

76, 43.692, 82.822

66, 74.534, 73.673

79, 35.007, 84.250

81, 26.367, 85.634

83, 17.864, 86.975

86, 9.539, 88.268

88, 1.404, 89.362

91, 6.543, 270.813

93, 10.273,
263.012

Harmonies

Complementary

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



72, 60.267, 79.735



51, 60.750, 285.775

Rectangle

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



72, 60.267, 79.735



72, 60.267, 129.735



72, 60.267, 259.735



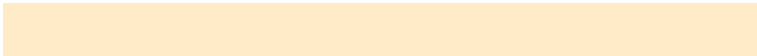
72, 60.267, 309.735

Sweetspot

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



72, 60.266, 79.738



94, 20.147, 86.922



52, 65.242, 4.609



49, 13.580, 86.560



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 60.266, 79.738



78, 77.367, 76.950



85, 76.335, 111.406



46, 4.616, 88.556



53, 62.453, 74.192



14, 20.595, 76.846

Inverse Universe

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



51, 60.750, 285.775



51, 82.521, 291.211



39, 94.467, 304.559



44, 4.606, 271.056



31, 71.822, 295.510



6, 23.598, 285.764

Previews

White Background



This preview shows how the CIELCh color 72, 60.267, 79.735 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 72, 60.267, 79.735 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 72, 60.267, 79.735

Background



This preview shows how black text looks on a background with the CIELCh color 72, 60.267, 79.735.



This preview shows how white text looks on a background with the CIELCh color 72, 60.267, 79.735.

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


72, 60.267, 79.735

Protanopia

72, 57.524, 95.585

Deuteranopia

72, 60.002, 81.035



Tritanopia
72, 29.656, 9.809

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 60.267, 79.735 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(223, 167, 63)` looks like.

```
.text, #text, p{  
    color:rgb(223, 167, 63)  
}
```

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(223, 167, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 167, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 60.267, 79.735 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(223, 167, 63) }
```

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

```
.border{ border-color:rgb(223, 167, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 167, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 167, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 167, 63);  
box-shadow:4px 4px 4px 4px rgb(223, 167,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 60.267, 79.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 167, 63) }
```

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

```
.background{ background-color: rgb(223,  
167, 63) }
```

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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