

Converting Colors

CIELCh(74, 56.117, 83.062)

Have a look what the booklet for
CIELCh(74, 56.117, 83.062) contains.

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Color

CIELCh(74, 56.134, 83.085)

Conversions

Conversions Part 1

Format	Color
Hex	DEAF4C
RGB	222, 175, 76
RGB Percent	87%, 69%, 30%
CMY	0.1295, 0.3138, 0.7020
CMYK	0.00, 0.21, 0.66, 0.13
HSL	41°, 69%, 58%
HSV	41°, 66%, 87%
XYZ	46.7514, 46.7039, 13.3857
YIQ	177.7670, 59.7910, -20.8250

Conversions

Conversions Part 2

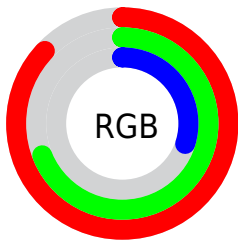
Format	Color
RYB	145, 222, 76
Decimal	14593868
CIELab	74.00, 6.76, 55.73
CIElCh	74, 56.134, 83.085
Yxy	46.7039, 0.4376, 0.4371
Android (android.graphics.Color)	4292783948 (0xFFDEAF4C)
YUV	177.7670, -50.1711, 38.7923
Hunter-Lab	68.3403, 2.5159, 36.2251

Details

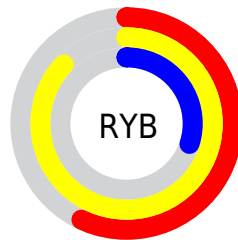
The CIELCh color **74, 56.134, 83.085** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **53, 57.515, 285.753**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 52.105, 94.552**, and **54, 56.159, 83.259** is the 20% darker color. If you saturate the color by 10%, you get **72, 63.667, 81.471**, and if you desaturate by 10%, it is **76, 47.800, 84.586**.

Distribution



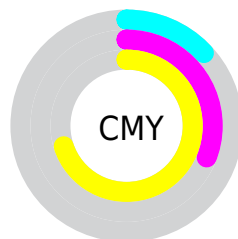
- Red (87%)
- Green (69%)
- Blue (30%)



- Red (57%)
- Yellow (87%)
- Blue (30%)



- Cyan (0%)
- Magenta (21%)
- Yellow (66%)
- Black (13%)



- Cyan (13%)
- Magenta (31%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 56.134, 83.085 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, 56.134, 83.085 by changing the saturation by 10% instead.

74, 56.134, 83.085

74, 56.134, 83.085

100, 56.134,
83.085

64, 56.134, 83.085

94, 56.134, 83.085

54, 56.134, 83.085

44, 56.134, 83.085

34, 56.134, 83.085

24, 56.134, 83.085

14, 56.134, 83.085

4, 56.134, 83.085

0, 56.134, 83.085

74, 56.134, 83.085

74, 56.134, 83.085

72, 63.667, 81.471

76, 47.800, 84.586

70, 69.675, 79.628

78, 39.130, 86.016

68, 73.313, 77.388

80, 30.385, 87.400

68, 74.367, 76.361

82, 21.702, 88.742

85, 13.150, 90.041

87, 4.756, 91.270

89, 3.471, 272.612

92, 11.534,
273.727

94, 9.864, 254.489

Harmonies

Complementary

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



74, 56.134, 83.085



53, 57.515, 285.753

Rectangle

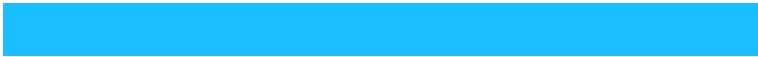
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 56.134, 83.085



74, 56.134, 133.085



74, 56.134, 263.085



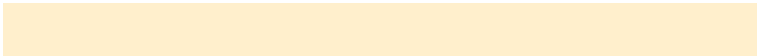
74, 56.134, 313.085

Sweetspot

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



74, 56.134, 83.088



95, 18.747, 89.477



54, 60.595, 4.080



50, 12.826, 89.108



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, 56.134, 83.088



81, 73.516, 80.797



84, 71.408, 112.390



46, 4.745, 90.831



55, 62.544, 76.831



14, 20.963, 79.726

Inverse Universe

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



53, 57.515, 285.753



53, 78.640, 290.456



43, 86.044, 304.044



44, 4.749, 273.291



29, 75.116, 297.099



5, 24.376, 287.091

Previews

White Background



This preview shows how the CIELCh color 74, 56.134, 83.085 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 74, 56.134, 83.085 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, 56.134, 83.085

Background



This preview shows how black text looks on a background with the CIELCh color 74, 56.134, 83.085.



This preview shows how white text looks on a background with the CIELCh color 74, 56.134, 83.085.

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, 56.134, 83.085

Protanopia

74, 54.517, 95.146

Deuteranopia

74, 56.559, 80.314



Tritanopia
74, 26.396, 6.654

Trichromacy



Original Color
74, 56.134, 83.085

Protanomaly
74, 54.774, 90.421

Deuteranomaly
74, 56.530, 81.289

Tritanomaly
74, 29.257, 51.714

Monochromacy



Original Color
74, 56.134, 83.085

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 20.668, 88.657

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 56.134, 83.085 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(222, 175, 76)` looks like.

```
.text, #text, p{  
    color:rgb(222, 175, 76)  
}
```

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(222, 175, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 175, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 56.134, 83.085 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(222, 175, 76) }
```

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

```
.border{ border-color:rgb(222, 175, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 175, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 175, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 175, 76);  
box-shadow:4px 4px 4px 4px rgb(222, 175,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 56.134, 83.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 175, 76) }
```

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

```
.background{ background-color: rgb(222,  
175, 76) }
```

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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