

Converting Colors

CIELCh(71, 54.736, 80.224)

Have a look what the booklet for
CIELCh(71, 54.736, 80.224) contains.

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Color

CIELCh(71, 54.736, 80.224)

Conversions

Conversions Part 1

Format	Color
Hex	D8A548
RGB	216, 165, 72
RGB Percent	85%, 65%, 28%
CMY	0.1512, 0.3514, 0.7162
CMYK	0.00, 0.24, 0.67, 0.15
HSL	39°, 65%, 57%
HSV	39°, 67%, 85%
XYZ	43.1538, 42.1875, 12.0637
YIQ	169.6470, 60.2490, -18.1110

Conversions

Conversions Part 2

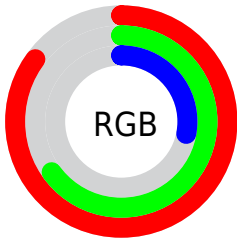
Format	Color
RYB	151, 216, 72
Decimal	14198088
CIELab	71.00, 9.29, 53.94
CIELCh	71, 54.736, 80.224
Yxy	42.1875, 0.4430, 0.4331
Android (android.graphics.Color)	4292388168 (0xFFD8A548)
YUV	169.6470, -48.1400, 40.6516
Hunter-Lab	64.9519, 4.9289, 34.4542

Details

The CIELCh color **71, 54.736, 80.224** 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, 54.346, 283.646**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 51.234, 89.449**, and **51, 54.676, 80.110** is the 20% darker color. If you saturate the color by 10%, you get **69, 62.184, 78.554**, and if you desaturate by 10%, it is **73, 46.566, 81.758**.

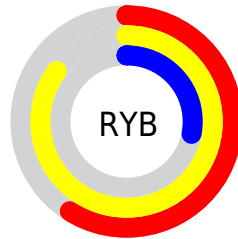
Distribution



Red (85%)

Green (65%)

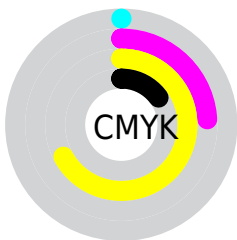
Blue (28%)



Red (59%)

Yellow (85%)

Blue (28%)

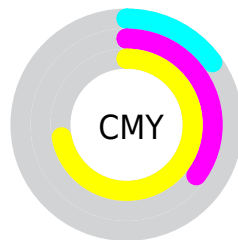


Cyan (0%)

Magenta (24%)

Yellow (67%)

Black (15%)



Cyan (15%)

Magenta (35%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 54.736, 80.224 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 71, 54.736, 80.224 by changing the saturation by 10% instead.

71, 54.736, 80.224

71, 54.736, 80.224

100, 54.736,
80.224

61, 54.736, 80.224

91, 54.736, 80.224

51, 54.736, 80.224

41, 54.736, 80.224

31, 54.736, 80.224

21, 54.736, 80.224

11, 54.736, 80.224

1, 54.736, 80.224

0, 54.736, 80.224

71, 54.736, 80.224

71, 54.736, 80.224

69, 62.184, 78.554

73, 46.566, 81.758

67, 68.186, 76.610

75, 38.129, 83.211

65, 71.902, 74.196

78, 29.671, 84.614

64, 72.895, 73.316

80, 21.320, 85.975

82, 13.134, 87.292

85, 5.135, 88.543

87, 2.676, 269.934

90, 10.305,
271.045

92, 12.099,
261.163

Harmonies

Complementary

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



71, 54.736, 80.224



53, 54.346, 283.646

Rectangle

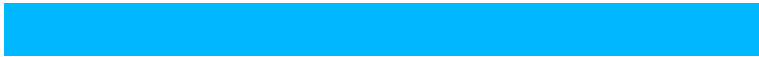
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 54.736, 80.224



71, 54.736, 130.224



71, 54.736, 260.224



71, 54.736, 310.224

Sweetspot

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



71, 54.736, 80.227



94, 18.201, 86.820



53, 60.292, 1.704



50, 12.460, 86.446



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 54.736, 80.227



79, 73.478, 77.784



83, 70.351, 110.764



44, 4.423, 88.197



52, 61.107, 73.855



12, 17.901, 76.338

Inverse Universe

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



53, 54.346, 283.646



54, 75.712, 288.649



41, 85.479, 303.467



42, 4.412, 270.689



30, 69.607, 295.163



5, 20.716, 283.231

Previews

White Background



This preview shows how the CIELCh color 71, 54.736, 80.224 looks on a white background.

Color Contrast Check

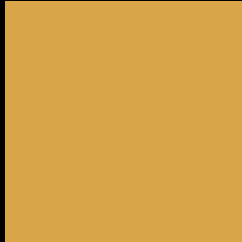
Large Text (above 18pt) WCAG AA × Fail

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 71, 54.736, 80.224 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 71, 54.736, 80.224

Background



This preview shows how black text looks on a background with the CIELCh color 71, 54.736, 80.224.



This preview shows how white text looks on a background with the CIELCh color 71, 54.736, 80.224.

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

71, 54.736, 80.224

Protanopia

71, 52.379, 95.191

Deuteranopia

71, 54.913, 80.822



Tritanopia
71, 27.356, 8.458

Trichromacy



Original Color
71, 54.736, 80.224

Protanomaly
71, 52.777, 89.769

Deuteranomaly
71, 54.913, 80.822

Tritanomaly
71, 30.127, 48.891

Monochromacy



Original Color
71, 54.736, 80.224

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 19.662, 84.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 54.736, 80.224 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(216, 165, 72)` looks like.

```
.text, #text, p{  
    color:rgb(216, 165, 72)  
}
```

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(216, 165, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 165, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 54.736, 80.224 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(216, 165, 72) }
```

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

```
.border{ border-color:rgb(216, 165, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 165, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 165, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 165, 72);  
box-shadow:4px 4px 4px 4px rgb(216, 165,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 54.736, 80.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 165, 72) }
```

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

```
.background{ background-color: rgb(216,  
165, 72) }
```

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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