

Converting Colors

CIELCh(71, 65.999, 81.896)

Have a look what the booklet for
CIELCh(71, 65.999, 81.896) contains.

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Color

CIELCh(71, 66.000, 81.893)

Conversions

Conversions Part 1

Format	Color
Hex	DBA52C
RGB	219, 165, 44
RGB Percent	86%, 65%, 17%
CMY	0.1409, 0.3527, 0.8271
CMYK	0.00, 0.25, 0.80, 0.14
HSL	41°, 71%, 52%
HSV	41°, 80%, 86%
XYZ	43.1584, 42.1875, 8.2584
YIQ	167.3520, 71.0250, -26.1830

Conversions

Conversions Part 2

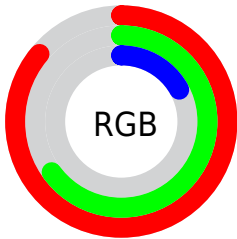
Format	Color
R _Y B	122, 219, 44
Decimal	14394668
CIE Lab	71.00, 9.31, 65.34
CIE LCh	71, 66.000, 81.893
Yxy	42.1875, 0.4611, 0.4507
Android (android.graphics.Color)	4292584748 (0xFFDBA52C)
YUV	167.3520, -60.8125, 45.2953
Hunter-Lab	64.9519, 4.9414, 37.9278

Details

The CIELCh color **71, 66.000, 81.893** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **45, 71.784, 291.364**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 62.025, 91.197**, and **51, 58.423, 80.667** is the 20% darker color. If you saturate the color by 10%, you get **69, 70.985, 79.969**, and if you desaturate by 10%, it is **73, 59.123, 83.557**.

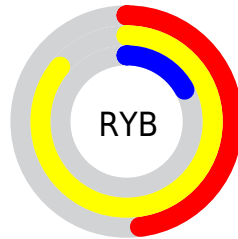
Distribution



Red (86%)

Green (65%)

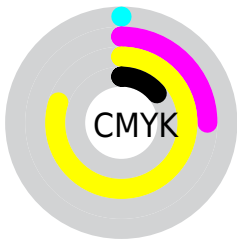
Blue (17%)



Red (48%)

Yellow (86%)

Blue (17%)

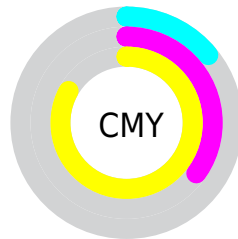


Cyan (0%)

Magenta (25%)

Yellow (80%)

Black (14%)



Cyan (14%)

Magenta (35%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 66.000, 81.893 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, 66.000, 81.893 by changing the saturation by 10% instead.

71, 66.000, 81.893

71, 66.000, 81.893

100, 66.000,
81.893

61, 66.000, 81.893

91, 66.000, 81.893

51, 66.000, 81.893

41, 66.000, 81.893

31, 66.000, 81.893

21, 66.000, 81.893

11, 66.000, 81.893

1, 66.000, 81.893

0, 66.000, 81.893

71, 66.000, 81.893

71, 66.000, 81.893

69, 70.985, 79.969

73, 59.123, 83.557

68, 73.705, 77.678

75, 51.155, 85.074

68, 73.735, 77.651

77, 42.659, 86.512

79, 33.972, 87.901

81, 25.280, 89.249

83, 16.677, 90.556

85, 8.208, 91.812

87, 0.109, 275.274

90, 8.271, 274.273

Harmonies

Complementary

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



71, 66.000, 81.893



45, 71.784, 291.364

Rectangle

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



71, 66.000, 81.893



71, 66.000, 131.893



71, 66.000, 261.893



71, 66.000, 311.893

Sweetspot

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



71, 65.999, 81.896



94, 22.860, 89.996



49, 69.244, 10.295



49, 15.752, 89.524



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, 65.999, 81.896



78, 81.796, 78.382



83, 81.089, 112.990



45, 4.718, 91.866



54, 61.971, 78.108



13, 19.840, 81.128

Inverse Universe

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



45, 71.784, 291.364



44, 99.350, 297.304



35, 102.653, 306.067



43, 4.729, 274.299



28, 75.747, 297.758



5, 23.232, 286.487

Previews

White Background



This preview shows how the CIELCh color 71, 66.000, 81.893 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 71, 66.000, 81.893 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, 66.000, 81.893

Background



This preview shows how black text looks on a background with the CIELCh color 71, 66.000, 81.893.



This preview shows how white text looks on a background with the CIELCh color 71, 66.000, 81.893.

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, 66.000, 81.893

Protanopia

71, 64.006, 95.269

Deuteranopia

71, 66.000, 81.893



Tritanopia
71, 29.333, 9.633

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 66.000, 81.893 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(219, 165, 44)` looks like.

```
.text, #text, p{  
    color:rgb(219, 165, 44)  
}
```

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(219, 165, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 165, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 66.000, 81.893 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(219, 165, 44) }
```

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

```
.border{ border-color:rgb(219, 165, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 165, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 165, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 165, 44);  
box-shadow:4px 4px 4px 4px rgb(219, 165,  
44) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 66.000, 81.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 165, 44) }
```

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

```
.background{ background-color: rgb(219,  
165, 44) }
```

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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