

Converting Colors

CIELCh(71, 52.484, 85.137)

Have a look what the booklet for
CIELCh(71, 52.484, 85.137) contains.

CIELCh(71, 52.660, 84.685)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 52.660, 84.685)

Conversions

Conversions Part 1

Format	Color
Hex	D1A84B
RGB	209, 168, 75
RGB Percent	82%, 66%, 29%
CMY	0.1794, 0.3403, 0.7050
CMYK	0.00, 0.20, 0.64, 0.18
HSL	42°, 59%, 56%
HSV	42°, 64%, 82%
XYZ	41.6832, 42.1875, 12.6407
YIQ	169.6570, 54.2890, -20.2310

Conversions

Conversions Part 2

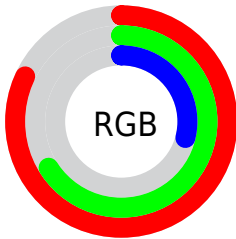
Format	Color
RYB	134, 209, 75
Decimal	13740107
CIELab	71.00, 4.88, 52.43
CIELCh	71, 52.660, 84.685
Yxy	42.1875, 0.4319, 0.4371
Android (android.graphics.Color)	4291930187 (0xFFD1A84B)
YUV	169.6570, -46.6659, 34.5038
Hunter-Lab	64.9519, 0.8873, 33.9275

Details

The CIELCh color **71, 52.660, 84.685** 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 **50, 54.519, 286.216**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 50.747, 90.876**, and **51, 52.538, 84.521** is the 20% darker color. If you saturate the color by 10%, you get **69, 59.990, 83.134**, and if you desaturate by 10%, it is **73, 44.629, 86.146**.

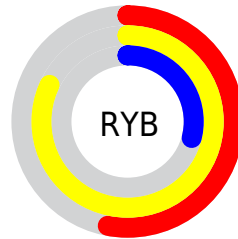
Distribution



Red (82%)

Green (66%)

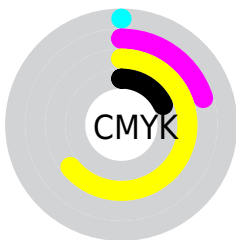
Blue (29%)



Red (53%)

Yellow (82%)

Blue (29%)

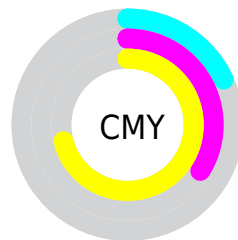


Cyan (0%)

Magenta (20%)

Yellow (64%)

Black (18%)



Cyan (18%)

Magenta (34%)

Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 52.660, 84.685 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, 52.660, 84.685 by changing the saturation by 10% instead.

 71, 52.660, 84.685

 71, 52.660, 84.685

 100, 52.660,
84.685

 61, 52.660, 84.685

 91, 52.660, 84.685

 51, 52.660, 84.685

 41, 52.660, 84.685

 31, 52.660, 84.685

 21, 52.660, 84.685

 11, 52.660, 84.685

 1, 52.660, 84.685

 0, 52.660, 84.685

 71, 52.660, 84.685

 71, 52.660, 84.685

69, 59.990, 83.134

73, 44.629, 86.146

67, 65.980, 81.399

75, 36.300, 87.546

66, 69.836, 79.338

77, 27.902, 88.904

65, 71.269, 77.976

79, 19.557, 90.223

81, 11.324, 91.497

83, 3.230, 92.685

85, 4.717, 273.998

87, 12.519,
275.111

89, 15.995,
271.261

Harmonies

Complementary

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



71, 52.660, 84.685



50, 54.519, 286.216

Rectangle

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



71, 52.660, 84.685



71, 52.660, 134.685



71, 52.660, 264.685



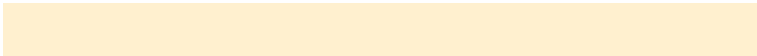
71, 52.660, 314.685

Sweetspot

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



71, 52.660, 84.688



95, 18.060, 90.845



52, 56.386, 4.816



50, 12.462, 90.474



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, 52.660, 84.688



82, 72.532, 82.498



80, 66.840, 113.246



43, 4.548, 92.068



53, 60.647, 78.412



11, 17.157, 81.577

Inverse Universe

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



50, 54.519, 286.216



53, 78.349, 290.749



42, 79.710, 304.139



41, 4.560, 274.484



27, 74.204, 297.809



4, 20.222, 284.319

Previews

White Background



This preview shows how the CIELCh color 71, 52.660, 84.685 looks on a white background.

Color Contrast Check

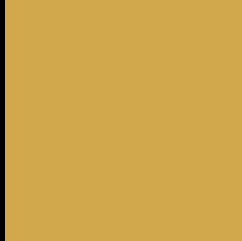
Large Text (above 18pt) WCAG AA × Fail

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, 52.660, 84.685 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, 52.660, 84.685

Background



This preview shows how black text looks on a background with the CIELCh color 71, 52.660, 84.685.



This preview shows how white text looks on a background with the CIELCh color 71, 52.660, 84.685.

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, 52.660, 84.685

Protanopia

71, 51.391, 95.614

Deuteranopia

71, 53.189, 80.259



Tritanopia
71, 23.807, 5.945

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 52.660, 84.685 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(209, 168, 75)` looks like.

```
.text, #text, p{  
    color:rgb(209, 168, 75)  
}
```

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(209, 168, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 168, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 52.660, 84.685 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(209, 168, 75) }
```

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

```
.border{ border-color:rgb(209, 168, 75) }
```

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

Here you see how a box with a 4 pixel rgb(209, 168, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 168, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 168, 75);  
box-shadow:4px 4px 4px 4px rgb(209, 168,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 52.660, 84.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 168, 75) }
```

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

```
.background{ background-color: rgb(209,  
168, 75) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor