

Converting Colors

CIELCh(75, 69.831, 91.265)

Have a look what the booklet for
CIELCh(75, 69.831, 91.265) contains.

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Color

CIELCh(75, 69.574, 91.252)

Conversions

Conversions Part 1

Format	Color
Hex	D7B629
RGB	215, 182, 41
RGB Percent	84%, 71%, 16%
CMY	0.1553, 0.2848, 0.8374
CMYK	0.00, 0.15, 0.81, 0.16
HSL	49°, 69%, 50%
HSV	49°, 81%, 84%
XYZ	45.3554, 48.2781, 9.0677
YIQ	175.7930, 64.9290, -36.8550

Conversions

Conversions Part 2

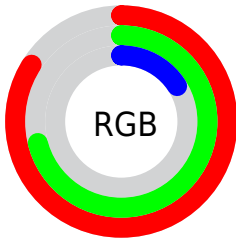
Format	Color
R _Y B	82, 215, 41
Decimal	14136873
CIE Lab	75.00, -1.52, 69.56
CIE LCh	75, 69.574, 91.252
Yxy	48.2781, 0.4416, 0.4701
Android (android.graphics.Color)	4292326953 (0xFFD7B629)
YUV	175.7930, -66.4529, 34.3845
Hunter-Lab	69.4824, -5.0764, 40.9002

Details

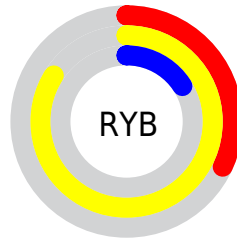
The CIELCh color **75, 69.574, 91.252** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **39, 84.876, 297.819**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 67.786, 98.738**, and **55, 60.232, 90.888** is the 20% darker color. If you saturate the color by 10%, you get **74, 73.697, 89.914**, and if you desaturate by 10%, it is **76, 63.297, 92.526**.

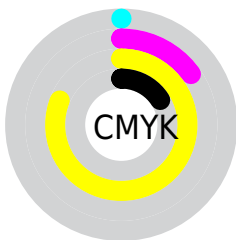
Distribution



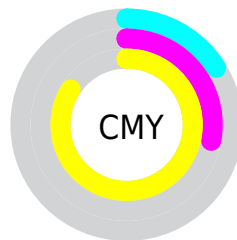
- Red (84%)
- Green (71%)
- Blue (16%)



- Red (32%)
- Yellow (84%)
- Blue (16%)



- Cyan (0%)
- Magenta (15%)
- Yellow (81%)
- Black (16%)



- Cyan (16%)
- Magenta (28%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 69.574, 91.252 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 75, 69.574, 91.252 by changing the saturation by 10% instead.

■ 75, 69.574, 91.252

■ 75, 69.574, 91.252

■ 100, 69.574,
91.252

■ 65, 69.574, 91.252

■ 95, 69.574, 91.252

■ 55, 69.574, 91.252

■ 45, 69.574, 91.252

■ 35, 69.574, 91.252

■ 25, 69.574, 91.252

■ 15, 69.574, 91.252

■ 5, 69.574, 91.252

■ 0, 69.574, 91.252

■ 75, 69.574, 91.252

■ 75, 69.574, 91.252

74, 73.697, 89.914

76, 63.297, 92.526

73, 75.515, 88.578

77, 55.566, 93.769

79, 46.972, 95.002

80, 37.916, 96.226

81, 28.644, 97.435

83, 19.300, 98.623

84, 9.966, 99.776

86, 0.686, 100.685

88, 8.516, 282.024

Harmonies

Complementary

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



75, 69.574, 91.252



39, 84.876, 297.819

Rectangle

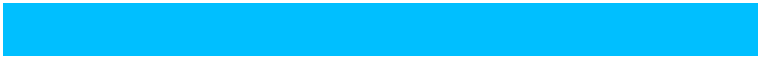
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 69.574, 91.252



75, 69.574, 141.252



75, 69.574, 271.252



75, 69.574, 321.252

Sweetspot

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



75, 69.574, 91.255



96, 25.614, 98.213



48, 70.752, 20.302



51, 17.606, 97.785



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 69.574, 91.255



85, 85.264, 88.871



80, 82.529, 118.564



44, 5.233, 99.927



59, 63.625, 88.836



14, 20.597, 92.126

Inverse Universe

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



39, 84.876, 297.819



38, 117.136, 302.564



36, 100.901, 308.112



42, 5.297, 282.137



24, 87.203, 302.616



3, 23.988, 289.322

Previews

White Background



This preview shows how the CIELCh color 75, 69.574, 91.252 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 75, 69.574, 91.252 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 75, 69.574, 91.252

Background



This preview shows how black text looks on a background with the CIELCh color 75, 69.574, 91.252.



This preview shows how white text looks on a background with the CIELCh color 75, 69.574, 91.252.

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


75, 69.574, 91.252

Protanopia

75, 69.396, 95.036

Deuteranopia

75, 69.631, 82.041



Tritanopia
75, 22.116, 3.127

Trichromacy



Original Color
75, 69.574, 91.252

Protanomaly
75, 69.378, 93.528

Deuteranomaly
75, 69.354, 85.499

Tritanomaly
74, 30.706, 66.914

Monochromacy



Original Color
75, 69.574, 91.252

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 27.875, 97.143

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 69.574, 91.252 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(215, 182, 41)` looks like.

```
.text, #text, p{  
    color:rgb(215, 182, 41)  
}
```

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(215, 182, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 182, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 69.574, 91.252 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(215, 182, 41) }
```

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

```
.border{ border-color:rgb(215, 182, 41) }
```

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

Here you see how a box with a 4 pixel rgb(215, 182, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 182, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 182, 41);  
box-shadow:4px 4px 4px 4px rgb(215, 182,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 69.574, 91.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 182, 41) }
```

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

```
.background{ background-color: rgb(215,  
182, 41) }
```

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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