

Converting Colors

CIELCh(69, 71.613, 94.063)

Have a look what the booklet for
CIELCh(69, 71.613, 94.063) contains.

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Color

CIELCh(69, 71.568, 94.047)

Conversions

Conversions Part 1

Format	Color
Hex	C0A803
RGB	192, 168, 3
RGB Percent	75%, 66%, 1%
CMY	0.2460, 0.3402, 0.9896
CMYK	0.00, 0.12, 0.99, 0.25
HSL	52°, 97%, 38%
HSV	52°, 99%, 75%
XYZ	35.8703, 39.3444, 5.7792
YIQ	156.3660, 67.2690, -46.2270

Conversions

Conversions Part 2

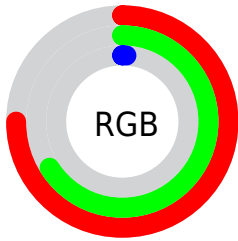
Format	Color
R _Y B	30, 192, 3
Decimal	12625923
CIE Lab	69.00, -5.05, 71.39
CIE LCh	69, 71.568, 94.047
Yxy	39.3444, 0.4429, 0.4858
Android (android.graphics.Color)	4290816003 (0xFFC0A803)
YUV	156.3660, -75.6094, 31.2510
Hunter-Lab	62.7251, -7.6911, 38.4449

Details

The CIELCh color **69, 71.568, 94.047** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **26, 100.448, 304.258**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 71.520, 94.254**, and **49, 54.944, 93.619** is the 20% darker color. If you saturate the color by 10%, you get **69, 71.818, 93.918**, and if you desaturate by 10%, it is **70, 69.394, 95.013**.

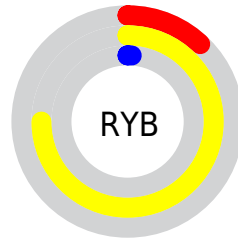
Distribution



Red (75%)

Green (66%)

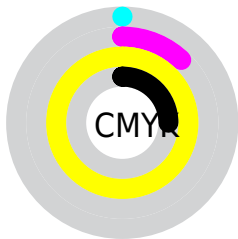
Blue (1%)



Red (12%)

Yellow (75%)

Blue (1%)

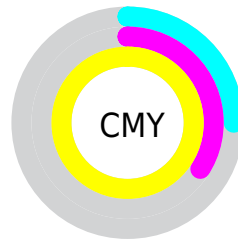


Cyan (0%)

Magenta (12%)

Yellow (99%)

Black (25%)



Cyan (25%)

Magenta (34%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 71.568, 94.047 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 69, 71.568, 94.047 by changing the saturation by 10% instead.

 69, 71.568, 94.047

 69, 71.568, 94.047

 100, 71.568,
94.047

 59, 71.568, 94.047

 89, 71.568, 94.047

 49, 71.568, 94.047

 99, 71.568, 94.047

 39, 71.568, 94.047

 29, 71.568, 94.047

 19, 71.568, 94.047

 9, 71.568, 94.047

 0, 71.568, 94.047

 69, 71.568, 94.047

 69, 71.568, 94.047

 69, 71.818, 93.918

 70, 69.394, 95.013

■ 70, 65.135, 95.993

■ 71, 59.014, 97.012

■ 72, 51.607, 98.072

■ 73, 43.402, 99.161

■ 74, 34.740,
100.268

■ 75, 25.836,
101.378

■ 76, 16.822,
102.477

■ 77, 7.778, 103.550

Harmonies

Complementary

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



69, 71.568, 94.047



26, 100.448, 304.258

Rectangle

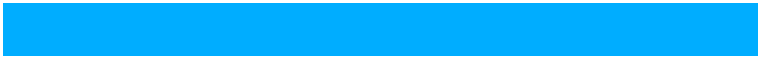
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 71.568, 94.047



69, 71.568, 144.047



69, 71.568, 274.047



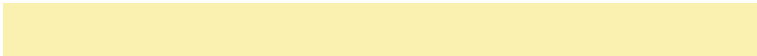
69, 71.568, 324.047

Sweetspot

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



69, 71.567, 94.049



94, 33.488, 101.172



40, 77.862, 33.560



50, 22.813, 100.701



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 71.567, 94.049



87, 87.356, 93.759



71, 84.040, 122.848



40, 5.147, 103.471



58, 62.930, 94.050



11, 15.911, 98.941

Inverse Universe

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



26, 100.448, 304.258



34, 124.771, 304.763



27, 103.082, 309.297



38, 5.230, 285.538



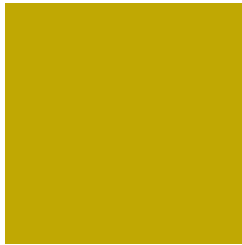
20, 88.007, 304.223



2, 17.737, 287.526

Previews

White Background



This preview shows how the CIELCh color 69, 71.568, 94.047 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 69, 71.568, 94.047 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 69, 71.568, 94.047

Background



This preview shows how black text looks on a background with the CIELCh color 69, 71.568, 94.047.

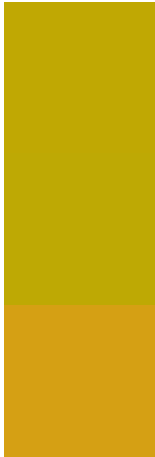


This preview shows how white text looks on a background with the CIELCh color 69, 71.568, 94.047.

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
69, 71.444, 94.044

Protanopia
69, 71.409, 95.179

Deuteranopia
69, 70.399, 82.849



Tritanopia
69, 18.963, 1.101

Trichromacy



Original Color
69, 71.444, 94.044

Protanomaly
69, 71.480, 94.815

Deuteranomaly
69, 70.523, 87.128

Tritanomaly
68, 33.164, 77.327

Monochromacy



Original Color
69, 71.444, 94.044

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 32.881, 99.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 71.568, 94.047 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(192, 168, 3)` looks like.

```
.text, #text, p{  
    color:rgb(192, 168, 3)  
}
```

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(192, 168, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 168, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 71.568, 94.047 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(192, 168, 3) }
```

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

```
.border{ border-color:rgb(192, 168, 3) }
```

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

Here you see how a box with a 4 pixel rgb(192, 168, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 168, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 168, 3);  
box-shadow:4px 4px 4px 4px rgb(192, 168,  
3) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 71.568, 94.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 168, 3) }
```

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

```
.background{ background-color: rgb(192,  
168, 3) }
```

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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