

Converting Colors

CIELCh(71, 68.255, 95.387)

Have a look what the booklet for
CIELCh(71, 68.255, 95.387) contains.

CIELCh(71, 68.168, 95.347)	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, 68.168, 95.347)

Conversions

Conversions Part 1

Format	Color
Hex	C3AE21
RGB	195, 174, 33
RGB Percent	76%, 68%, 13%
CMY	0.2336, 0.3161, 0.8724
CMYK	0.00, 0.11, 0.83, 0.23
HSL	52°, 71%, 45%
HSV	52°, 83%, 77%
XYZ	38.0945, 42.1875, 7.5397
YIQ	164.2050, 57.7770, -39.3990

Conversions

Conversions Part 2

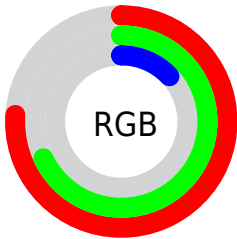
Format	Color
RYB	57, 195, 33
Decimal	12824097
CIELab	71.00, -6.35, 67.87
CIELCh	71, 68.168, 95.347
Yxy	42.1875, 0.4338, 0.4804
Android (android.graphics.Color)	4291014177 (0xFFC3AE21)
YUV	164.2050, -64.6841, 27.0072
Hunter-Lab	64.9519, -8.9749, 38.5839

Details

The CIELCh color **71, 68.168, 95.347** is a dark color, and the websafe version is hex **999900**. The color can be described as middle muted orange. A complement of this color would be **32, 87.295, 300.791**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 67.686, 95.306**, and **51, 56.662, 95.476** is the 20% darker color. If you saturate the color by 10%, you get **70, 71.399, 94.364**, and if you desaturate by 10%, it is **72, 62.802, 96.360**.

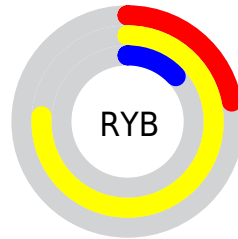
Distribution



Red (76%)

Green (68%)

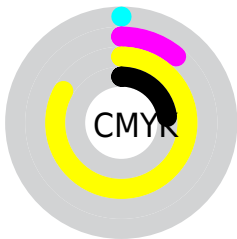
Blue (13%)



Red (22%)

Yellow (76%)

Blue (13%)

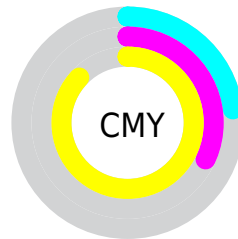


Cyan (0%)

Magenta (11%)

Yellow (83%)

Black (23%)



Cyan (23%)

Magenta (32%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 68.168, 95.347 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, 68.168, 95.347 by changing the saturation by 10% instead.

■ 71, 68.168, 95.347

■ 71, 68.168, 95.347

■ 100, 68.168,
95.347

■ 61, 68.168, 95.347

■ 91, 68.168, 95.347

■ 51, 68.168, 95.347

■ 41, 68.168, 95.347

■ 31, 68.168, 95.347

■ 21, 68.168, 95.347

■ 11, 68.168, 95.347

■ 1, 68.168, 95.347

■ 0, 68.168, 95.347

■ 71, 68.168, 95.347

■ 71, 68.168, 95.347

70, 71.399, 94.364

72, 62.802, 96.360

70, 72.581, 93.714

73, 55.855, 97.410

73, 47.884, 98.494

74, 39.306, 99.600

75, 30.395,
100.715

76, 21.321,
101.825

77, 12.184,
102.917

79, 3.047, 103.959

80, 6.057, 285.055

Harmonies

Complementary

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



71, 68.168, 95.347



32, 87.295, 300.791

Rectangle

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



71, 68.168, 95.347



71, 68.168, 145.347



71, 68.168, 275.347



71, 68.168, 325.347

Sweetspot

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



71, 68.168, 95.349



97, 28.325, 101.599



43, 69.222, 26.390



51, 19.315, 101.203



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, 68.168, 95.349



89, 88.565, 93.551



73, 79.240, 121.556



40, 5.134, 103.343



58, 62.839, 93.860



11, 15.861, 98.761

Inverse Universe

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



32, 87.295, 300.791



35, 126.562, 304.733



33, 94.880, 309.499



38, 5.216, 285.414



20, 87.835, 304.166



2, 17.704, 287.449

Previews

White Background



This preview shows how the CIELCh color 71, 68.168, 95.347 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, 68.168, 95.347 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, 68.168, 95.347

Background



This preview shows how black text looks on a background with the CIELCh color 71, 68.168, 95.347.



This preview shows how white text looks on a background with the CIELCh color 71, 68.168, 95.347.

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, 67.909, 95.344

Protanopia

71, 67.983, 94.965

Deuteranopia

71, 67.837, 82.273



Tritanopia
71, 17.915, 357.932

Trichromacy



Original Color
71, 67.909, 95.344

Protanomaly
71, 67.983, 94.965

Deuteranomaly
71, 67.368, 86.995

Tritanomaly
71, 28.380, 76.218

Monochromacy



Original Color
71, 67.909, 95.344

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 27.885, 100.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 68.168, 95.347 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(195, 174, 33)` looks like.

```
.text, #text, p{  
    color:rgb(195, 174, 33)  
}
```

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(195, 174, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 174, 33) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 68.168, 95.347 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(195, 174, 33) }
```

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

```
.border{ border-color:rgb(195, 174, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 174, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 174, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 174, 33);  
box-shadow:4px 4px 4px 4px rgb(195, 174,  
33) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 68.168, 95.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 174, 33) }
```

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

```
.background{ background-color: rgb(195,  
174, 33) }
```

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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