

Converting Colors

CIELCh(71, 64.084, 95.491)

Have a look what the booklet for
CIELCh(71, 64.084, 95.491) contains.

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Color

CIELCh(71, 64.006, 95.269)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C3AE2E |
| RGB | 195, 174, 46 |
| RGB Percent | 76%, 68%, 18% |
| CMY | 0.2344, 0.3168, 0.8186 |
| CMYK | 0.00, 0.11, 0.76, 0.23 |
| HSL | 52°, 62%, 47% |
| HSV | 52°, 76%, 77% |
| XYZ | 38.2419, 42.1875, 8.7371 |
| YIQ | 165.6870, 53.6040, -35.3560 |

Conversions

Conversions Part 2

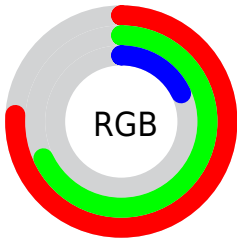
| Format | Color |
|--|---|
| RYB | 70, 195, 46 |
| Decimal | 12824110 |
| CIELab | 71.00, -5.88, 63.74 |
| CIElCh | 71, 64.006, 95.269 |
| Yxy | 42.1875, 0.4289, 0.4731 |
| Android (android.graphics.Color) | 4291014190 (0xFFC3AE2E) |
| YUV | 165.6870, -59.0057, 25.7075 |
| Hunter-Lab | 64.9519, -8.5701, 37.4909 |

Details

The CIELCh color **71, 64.006, 95.269** 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 **35, 78.307, 298.455**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 63.917, 95.112**, and **51, 56.662, 95.476** is the 20% darker color. If you saturate the color by 10%, you get **70, 68.796, 94.214**, and if you desaturate by 10%, it is **72, 57.476, 96.351**.

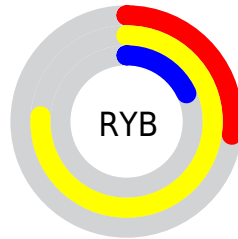
Distribution



Red (76%)

Green (68%)

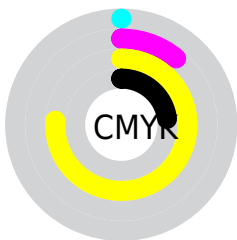
Blue (18%)



Red (27%)

Yellow (76%)

Blue (18%)

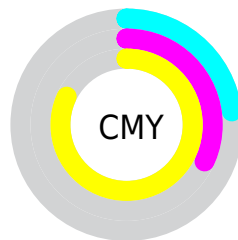


Cyan (0%)

Magenta (11%)

Yellow (76%)

Black (23%)



Cyan (23%)

Magenta (32%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 64.006, 95.269 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, 64.006, 95.269 by changing the saturation by 10% instead.

 71, 64.006, 95.269

 71, 64.006, 95.269

 100, 64.006,
95.269

 61, 64.006, 95.269

 91, 64.006, 95.269

 51, 64.006, 95.269

 41, 64.006, 95.269

 31, 64.006, 95.269

 21, 64.006, 95.269

 11, 64.006, 95.269

 1, 64.006, 95.269

 0, 64.006, 95.269

 71, 64.006, 95.269

 71, 64.006, 95.269

70, 68.796, 94.214

72, 57.476, 96.351

69, 71.366, 93.153

73, 49.794, 97.456

69, 72.022, 92.762

74, 41.421, 98.581

75, 32.667, 99.714

76, 23.722,
100.843

77, 14.702,
101.955

78, 5.675, 103.032

79, 3.320, 284.150

81, 12.260,
285.145

Harmonies

Complementary

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



71, 64.006, 95.269



35, 78.307, 298.455

Rectangle

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



71, 64.006, 95.269



71, 64.006, 145.269



71, 64.006, 275.269



71, 64.006, 325.269

Sweetspot

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



71, 64.006, 95.272



97, 25.758, 101.173



44, 63.553, 22.092



51, 17.825, 100.762



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, 64.006, 95.272



89, 86.632, 93.457



73, 74.615, 120.608



40, 5.071, 102.710



58, 62.403, 92.923



10, 15.624, 97.867

Inverse Universe

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



35, 78.307, 298.455



38, 117.548, 302.877



35, 88.440, 308.903



38, 5.148, 284.802



21, 86.974, 303.881



2, 17.544, 287.071

Previews

White Background



This preview shows how the CIELCh color 71, 64.006, 95.269 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, 64.006, 95.269 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, 64.006, 95.269

Background



This preview shows how black text looks on a background with the CIELCh color 71, 64.006, 95.269.



This preview shows how white text looks on a background with the CIELCh color 71, 64.006, 95.269.

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, 64.006, 95.269

Protanopia

71, 64.006, 95.269

Deuteranopia

71, 63.784, 81.806

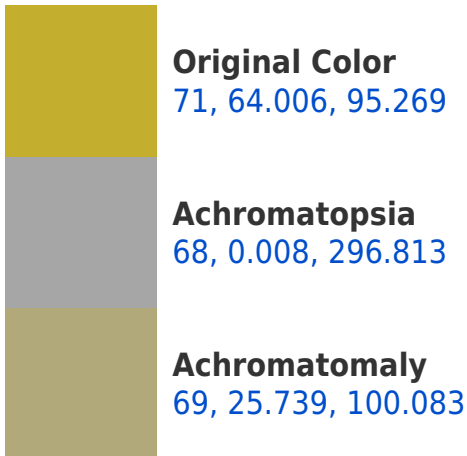


Tritanopia
71, 17.359, 359.042

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 64.006, 95.269 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, 46)` looks like.

```
.text, #text, p{  
    color:rgb(195, 174, 46)  
}
```

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, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 174, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 64.006, 95.269 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, 46) }
```

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

```
.border{ border-color:rgb(195, 174, 46) }
```

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, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 174, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 174, 46);  
box-shadow:4px 4px 4px 4px rgb(195, 174,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 64.006, 95.269 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, 46) }
```

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

```
.background{ background-color: rgb(195,  
174, 46) }
```

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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