

Converting Colors

CIELCh(67, 70.125, 93.950)

Have a look what the booklet for
CIELCh(67, 70.125, 93.950) contains.

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Color

CIELCh(67, 70.076, 94.176)

Conversions

Conversions Part 1	
Format	Color
Hex	BAA301
RGB	186, 163, 1
RGB Percent	73%, 64%, 0%
CMY	0.2706, 0.3608, 0.9961
CMYK	0.00, 0.12, 0.99, 0.27
HSL	53°, 99%, 37%
HSV	53°, 99%, 73%
XYZ	33.3489, 36.6320, 5.3413
YIQ	151.4090, 65.7100, -45.5060

Conversions

Conversions Part 2

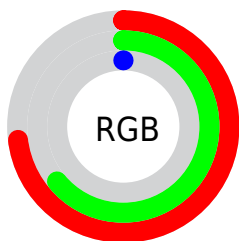
Format	Color
RYB	27, 186, 1
Decimal	12231425
CIELab	67.00, -5.10, 69.89
CIELCh	67, 70.076, 94.176
Yxy	36.6320, 0.4428, 0.4863
Android (android.graphics.Color)	4290421505 (0xFFBAA301)
YUV	151.4090, -74.1516, 30.3363
Hunter-Lab	60.5244, -7.5643, 37.1347

Details

The CIELCh color **67, 70.076, 94.176** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **24, 98.617, 304.404**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 70.299, 94.389**, and **47, 53.464, 94.373** is the 20% darker color. If you saturate the color by 10%, you get **67, 70.176, 94.128**, and if you desaturate by 10%, it is **68, 67.991, 95.122**.

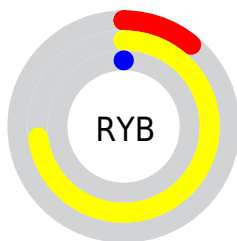
Distribution



Red (73%)

Green (64%)

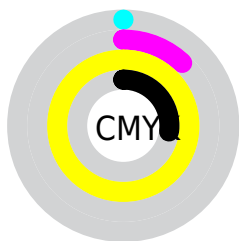
Blue (0%)



Red (11%)

Yellow (73%)

Blue (0%)

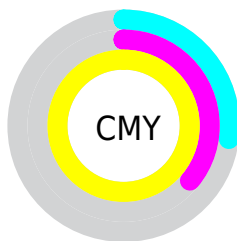


Cyan (0%)

Magenta (12%)

Yellow (99%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 70.076, 94.176 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 67, 70.076, 94.176 by changing the saturation by 10% instead.

 67, 70.076, 94.176

 67, 70.076, 94.176

 100, 70.076,
94.176

 57, 70.076, 94.176

 87, 70.076, 94.176

 47, 70.076, 94.176

 97, 70.076, 94.176

 37, 70.076, 94.176

 27, 70.076, 94.176

 17, 70.076, 94.176

 7, 70.076, 94.176

 0, 70.076, 94.176

 67, 70.076, 94.176

 67, 70.076, 94.176

 67, 70.176, 94.128

 68, 67.991, 95.122

68, 63.982, 96.086

69, 58.127, 97.090

70, 50.982, 98.138

71, 43.030, 99.218

72, 34.610,
100.318

72, 25.940,
101.422

73, 17.153,
102.517

74, 8.330, 103.589

Harmonies

Complementary

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



67, 70.076, 94.176



24, 98.617, 304.404

Rectangle

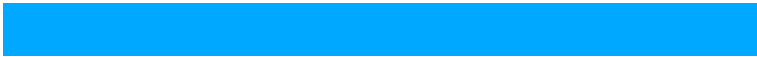
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67, 70.076, 94.176



67, 70.076, 144.176



67, 70.076, 274.176



67, 70.076, 324.176

Sweetspot

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



67, 70.075, 94.178



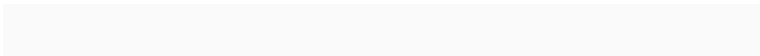
92, 32.730, 101.308



39, 76.331, 33.793



49, 22.481, 100.840



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 70.075, 94.178



85, 85.460, 93.967



69, 82.202, 122.896



38, 4.935, 103.603



57, 61.556, 94.260



8, 12.688, 101.056

Inverse Universe

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



24, 98.617, 304.404



33, 121.947, 304.781



26, 100.935, 309.302



36, 5.014, 285.650



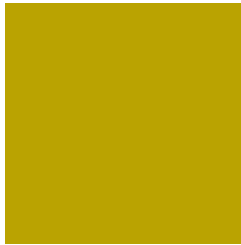
19, 85.951, 304.225



1, 13.982, 286.369

Previews

White Background



This preview shows how the CIE LCh color 67, 70.076, 94.176 looks on a white background.

Color Contrast Check

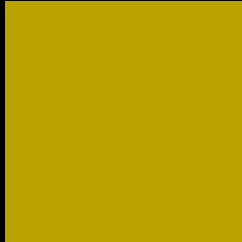
Large Text (above 18pt) WCAG AA × Fail

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 67, 70.076, 94.176 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 67, 70.076, 94.176

Background



This preview shows how black text looks on a background with the CIELCh color 67, 70.076, 94.176.

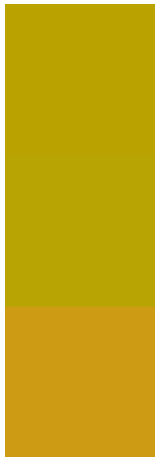


This preview shows how white text looks on a background with the CIELCh color 67, 70.076, 94.176.

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

67, 70.076, 94.176

Protanopia

67, 69.910, 95.338

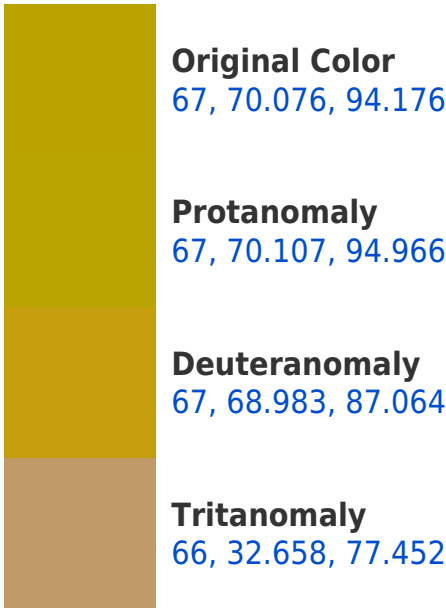
Deuteranopia

67, 68.501, 82.984

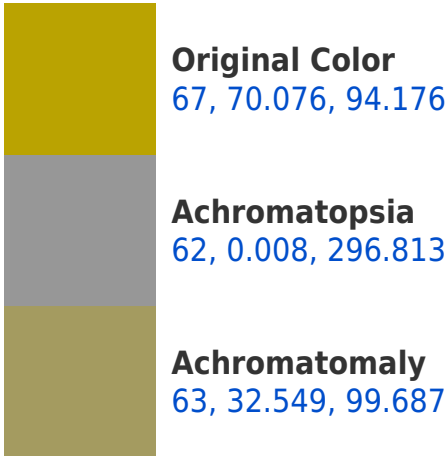


Tritanopia
67, 18.330, 0.214

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 70.076, 94.176 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(186, 163, 1)` looks like.

```
.text, #text, p{  
    color:rgb(186, 163, 1)  
}
```

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(186, 163, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 163, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 70.076, 94.176 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(186, 163, 1) }
```

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

```
.border{ border-color:rgb(186, 163, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 163, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 163, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 163, 1);  
box-shadow:4px 4px 4px 4px rgb(186, 163,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 70.076, 94.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 163, 1) }
```

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

```
.background{ background-color: rgb(186,  
163, 1) }
```

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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