

Converting Colors

CIELCh(67, 69.951, 94.937)

Have a look what the booklet for
CIELCh(67, 69.951, 94.937) contains.

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Color

CIELCh(67, 70.107, 94.966)

Conversions

Conversions Part 1

Format	Color
Hex	B8A401
RGB	184, 164, 1
RGB Percent	72%, 64%, 0%
CMY	0.2766, 0.3587, 0.9967
CMYK	0.00, 0.11, 1.00, 0.28
HSL	53°, 99%, 36%
HSV	53°, 100%, 72%
XYZ	33.0756, 36.6320, 5.3514
YIQ	151.3980, 64.2430, -46.4530

Conversions

Conversions Part 2

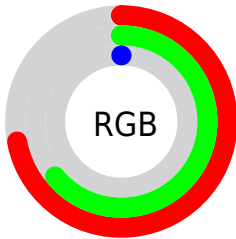
Format	Color
R _Y B	23, 184, 1
Decimal	12100609
CIE Lab	67.00, -6.07, 69.84
CIE LCh	67, 70.107, 94.966
Yxy	36.6320, 0.4407, 0.4880
Android (android.graphics.Color)	4290290689 (0xFFB8A401)
YUV	151.3980, -74.1462, 28.5920
Hunter-Lab	60.5244, -8.3702, 37.1248

Details

The CIELCh color **67, 70.107, 94.966** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **24, 98.776, 304.622**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 70.435, 95.471**, and **47, 53.574, 96.003** is the 20% darker color. If you saturate the color by 10%, you get **67, 70.193, 94.929**, and if you desaturate by 10%, it is **68, 68.027, 95.842**.

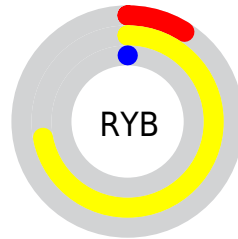
Distribution



Red (72%)

Green (64%)

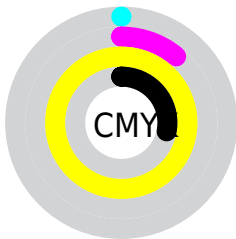
Blue (0%)



Red (9%)

Yellow (72%)

Blue (0%)

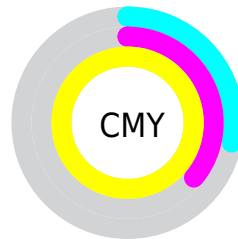


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 70.107, 94.966 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, 70.107, 94.966 by changing the saturation by 10% instead.

■ 67, 70.107, 94.966

■ 67, 70.107, 94.966

■ 100, 70.107,
94.966

■ 57, 70.107, 94.966

■ 87, 70.107, 94.966

■ 47, 70.107, 94.966

■ 97, 70.107, 94.966

■ 37, 70.107, 94.966

■ 27, 70.107, 94.966

■ 17, 70.107, 94.966

■ 7, 70.107, 94.966

■ 0, 70.107, 94.966

■ 67, 70.107, 94.966

■ 67, 70.107, 94.966

■ 67, 70.193, 94.929

■ 68, 68.027, 95.842

68, 64.055, 96.753

69, 58.241, 97.718

70, 51.126, 98.736

70, 43.189, 99.794

71, 34.771,
100.875

72, 26.090,
101.964

73, 17.283,
103.046

74, 8.431, 104.108

Harmonies

Complementary

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



67, 70.107, 94.966



24, 98.776, 304.622

Rectangle

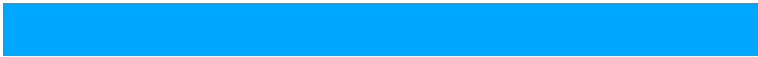
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67, 70.107, 94.966



67, 70.107, 144.966



67, 70.107, 274.966



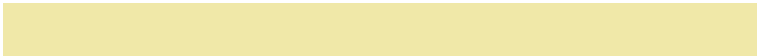
67, 70.107, 324.966

Sweetspot

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



67, 70.106, 94.968



91, 32.771, 101.860



38, 76.701, 34.774



48, 22.311, 101.404



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 70.106, 94.968



85, 85.325, 94.783



68, 82.165, 123.608



38, 4.988, 104.129



57, 61.942, 95.042



8, 12.881, 101.838

Inverse Universe

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



24, 98.776, 304.622



32, 121.763, 304.965



26, 100.026, 309.585



36, 5.071, 286.159



19, 86.628, 304.450



1, 14.095, 286.722

Previews

White Background



This preview shows how the CIELCh color 67, 70.107, 94.966 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, 70.107, 94.966 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, 70.107, 94.966

Background



This preview shows how black text looks on a background with the CIELCh color 67, 70.107, 94.966.



This preview shows how white text looks on a background with the CIELCh color 67, 70.107, 94.966.

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, 70.167, 95.339

Protanopia

67, 70.038, 95.339

Deuteranopia

67, 68.501, 82.984



Tritanopia
67, 17.574, 359.174

Trichromacy



Original Color
67, 70.167, 95.339

Protanomaly
67, 70.038, 95.339

Deuteranomaly
67, 68.839, 87.429

Tritanomaly
66, 32.155, 78.814

Monochromacy



Original Color
67, 70.167, 95.339

Achromatopsia
62, 0.008, 296.813

Achromatomaly
64, 32.940, 101.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 70.107, 94.966 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(184, 164, 1)` looks like.

```
.text, #text, p{  
    color:rgb(184, 164, 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(184, 164, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 164, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 70.107, 94.966 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(184, 164, 1) }
```

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

```
.border{ border-color:rgb(184, 164, 1) }
```

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

Here you see how a box with a 4 pixel rgb(184, 164, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 164, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 164, 1);  
box-shadow:4px 4px 4px 4px rgb(184, 164,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 70.107, 94.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 164, 1) }
```

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

```
.background{ background-color: rgb(184,  
164, 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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