

Converting Colors

CIELCh(68, 68.902, 96.641)

Have a look what the booklet for
CIELCh(68, 68.902, 96.641) contains.

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Color

CIELCh(68, 68.773, 96.592)

Conversions

Conversions Part 1

Format	Color
Hex	B8A711
RGB	184, 167, 17
RGB Percent	72%, 65%, 7%
CMY	0.2776, 0.3443, 0.9317
CMYK	0.00, 0.09, 0.91, 0.28
HSL	54°, 83%, 40%
HSV	54°, 91%, 72%
XYZ	33.7814, 37.9720, 6.0955
YIQ	154.9830, 58.2820, -43.0460

Conversions

Conversions Part 2

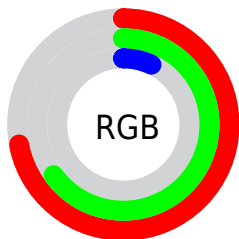
Format	Color
R _Y B	36, 184, 17
Decimal	12101393
CIE Lab	68.00, -7.90, 68.32
CIE LCh	68, 68.773, 96.592
Yxy	37.9720, 0.4339, 0.4878
Android (android.graphics.Color)	4290291473 (0xFFB8A711)
YUV	154.9830, -68.0256, 25.4479
Hunter-Lab	61.6215, -9.9822, 37.2701

Details

The CIELCh color **68, 68.773, 96.592** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **26, 92.633, 303.258**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 69.062, 96.575**, and **48, 54.397, 97.699** is the 20% darker color. If you saturate the color by 10%, you get **67, 70.660, 95.846**, and if you desaturate by 10%, it is **69, 65.017, 97.437**.

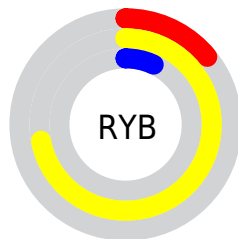
Distribution



Red (72%)

Green (65%)

Blue (7%)



Red (14%)

Yellow (72%)

Blue (7%)

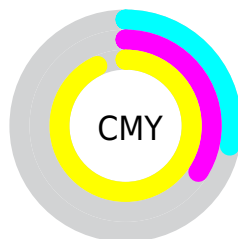


Cyan (0%)

Magenta (9%)

Yellow (91%)

Black (28%)



Cyan (28%)

Magenta (34%)

Yellow (93%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 68.773, 96.592 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 68, 68.773, 96.592 by changing the saturation by 10% instead.

 68, 68.773, 96.592

 68, 68.773, 96.592

 100, 68.773,
96.592

 58, 68.773, 96.592

 88, 68.773, 96.592

 48, 68.773, 96.592

 98, 68.773, 96.592

 38, 68.773, 96.592

 28, 68.773, 96.592

 18, 68.773, 96.592

 8, 68.773, 96.592

 0, 68.773, 96.592

 68, 68.773, 96.592

 68, 68.773, 96.592

 67, 70.660, 95.846

 69, 65.017, 97.437

69, 59.365, 98.350

70, 52.340, 99.328

71, 44.430,
100.356

71, 35.992,
101.414

72, 27.259,
102.485

73, 18.377,
103.555

74, 9.434, 104.607

75, 0.484, 105.444

Harmonies

Complementary

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



68, 68.773, 96.592



26, 92.633, 303.258

Rectangle

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



68, 68.773, 96.592



68, 68.773, 146.592



68, 68.773, 276.592



68, 68.773, 326.592

Sweetspot

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



68, 68.772, 96.594



92, 29.864, 102.818



39, 71.361, 30.764



48, 20.090, 102.456



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 68.772, 96.594



86, 85.985, 95.718



68, 79.245, 122.719



38, 5.050, 104.733



58, 62.411, 95.945



9, 13.109, 102.716

Inverse Universe

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



26, 92.633, 303.258



32, 122.666, 305.174



29, 95.377, 309.837



36, 5.137, 286.742



19, 87.377, 304.696



1, 14.229, 287.130

Previews

White Background



This preview shows how the CIELCh color 68, 68.773, 96.592 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 CIE LCh color 68, 68.773, 96.592 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 68, 68.773, 96.592

Background



This preview shows how black text looks on a background with the CIELCh color 68, 68.773, 96.592.



This preview shows how white text looks on a background with the CIELCh color 68, 68.773, 96.592.

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

68, 68.773, 96.592

Protanopia

68, 68.708, 95.036

Deuteranopia

68, 67.790, 82.582



Tritanopia
68, 16.626, 355.687

Trichromacy



Original Color
68, 68.773, 96.592

Protanomaly
68, 68.637, 95.415

Deuteranomaly
68, 67.629, 87.834

Tritanomaly
67, 28.721, 79.845

Monochromacy



Original Color
68, 68.773, 96.592

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 29.684, 101.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 68.773, 96.592 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, 167, 17)` looks like.

```
.text, #text, p{  
    color:rgb(184, 167, 17)  
}
```

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, 167, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 167, 17) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 68.773, 96.592 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, 167, 17) }
```

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

```
.border{ border-color:rgb(184, 167, 17) }
```

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

Here you see how a box with a 4 pixel rgb(184, 167, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 167, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 167, 17);  
box-shadow:4px 4px 4px 4px rgb(184, 167,  
17) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 68.773, 96.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 167, 17) }
```

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

```
.background{ background-color: rgb(184,  
167, 17) }
```

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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