

Converting Colors

CIELCh(64, 67.410, 92.831)

Have a look what the booklet for
CIELCh(64, 67.410, 92.831) contains.

CIELCh(64, 67.324, 92.932)	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(64, 67.324, 92.932)

Conversions

Conversions Part 1

Format	Color
Hex	B39A03
RGB	179, 154, 3
RGB Percent	70%, 60%, 1%
CMY	0.2971, 0.3952, 0.9901
CMYK	0.00, 0.14, 0.99, 0.30
HSL	52°, 97%, 36%
HSV	52°, 99%, 70%
XYZ	30.2522, 32.8017, 4.8088
YIQ	144.2610, 63.3710, -41.6610

Conversions

Conversions Part 2

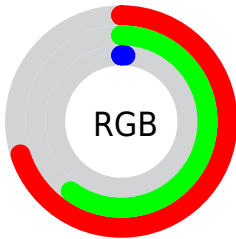
Format	Color
RYB	32, 179, 3
Decimal	11770371
CIELab	64.00, -3.44, 67.24
CIElCh	64, 67.324, 92.932
Yxy	32.8017, 0.4458, 0.4834
Android (android.graphics.Color)	4289960451 (0xFFB39A03)
YUV	144.2610, -69.6417, 30.4661
Hunter-Lab	57.2727, -5.9412, 35.1127

Details

The CIELCh color **64, 67.324, 92.932** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **24, 93.809, 303.796**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 67.150, 92.803**, and **44, 50.778, 92.059** is the 20% darker color. If you saturate the color by 10%, you get **64, 67.597, 92.788**, and if you desaturate by 10%, it is **65, 65.116, 93.991**.

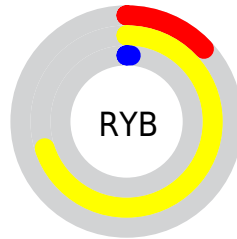
Distribution



Red (70%)

Green (60%)

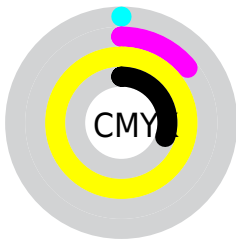
Blue (1%)



Red (13%)

Yellow (70%)

Blue (1%)

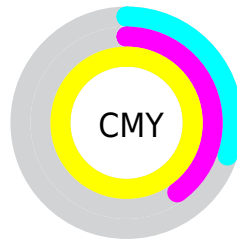


Cyan (0%)

Magenta (14%)

Yellow (99%)

Black (30%)



Cyan (30%)

Magenta (40%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 67.324, 92.932 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 64, 67.324, 92.932 by changing the saturation by 10% instead.

 64, 67.324, 92.932

 64, 67.324, 92.932

 100, 67.324,
92.932

 54, 67.324, 92.932

 84, 67.324, 92.932

 44, 67.324, 92.932

 94, 67.324, 92.932

 34, 67.324, 92.932

 24, 67.324, 92.932

 14, 67.324, 92.932

 4, 67.324, 92.932

 0, 67.324, 92.932

 64, 67.324, 92.932

 64, 67.324, 92.932

 64, 67.597, 92.788

 65, 65.116, 93.991

■ 65, 60.994, 95.043

■ 66, 55.160, 96.113

■ 67, 48.161, 97.209

■ 68, 40.453, 98.325

■ 69, 32.343, 99.452

■ 70, 24.029,
100.576

■ 71, 15.628,
101.687

■ 72, 7.209, 102.769

Harmonies

Complementary

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



64, 67.324, 92.932



24, 93.809, 303.796

Rectangle

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



64, 67.324, 92.932



64, 67.324, 142.932



64, 67.324, 272.932



64, 67.324, 322.932

Sweetspot

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



64, 67.323, 92.934



88, 31.088, 100.362



37, 72.865, 32.224



47, 21.360, 99.894



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



64, 67.323, 92.934



81, 81.896, 92.597



67, 79.265, 122.043



37, 4.735, 102.692



55, 60.209, 92.927



7, 10.721, 100.076

Inverse Universe

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



24, 93.809, 303.796



32, 116.383, 304.375



25, 98.030, 309.068



35, 4.807, 284.763



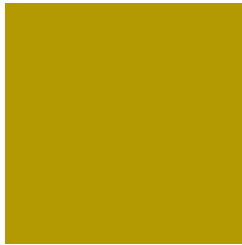
19, 83.627, 303.781



1, 11.890, 285.349

Previews

White Background



This preview shows how the CIELCh color 64, 67.324, 92.932 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 64, 67.324, 92.932 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 64, 67.324, 92.932

Background



This preview shows how black text looks on a background with the CIELCh color 64, 67.324, 92.932.

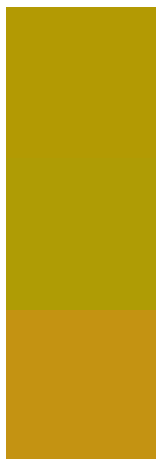


This preview shows how white text looks on a background with the CIELCh color 64, 67.324, 92.932.

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

64, 67.185, 92.927

Protanopia

64, 67.061, 95.377

Deuteranopia

64, 66.048, 82.845



Tritanopia
64, 18.733, 2.431

Trichromacy



Original Color
64, 67.185, 92.927

Protanomaly
64, 67.104, 94.152

Deuteranomaly
64, 66.501, 86.713

Tritanomaly
63, 31.810, 75.358

Monochromacy



Original Color
64, 67.185, 92.927

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 30.664, 99.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 67.324, 92.932 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(179, 154, 3)` looks like.

```
.text, #text, p{  
    color:rgb(179, 154, 3)  
}
```

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(179, 154, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 154, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 67.324, 92.932 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(179, 154, 3) }
```

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

```
.border{ border-color:rgb(179, 154, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 154, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 154, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 154, 3);  
box-shadow:4px 4px 4px 4px rgb(179, 154,  
3) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 67.324, 92.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 154, 3) }
```

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

```
.background{ background-color: rgb(179,  
154, 3) }
```

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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