

Converting Colors

CIELCh(68, 64.253, 94.961)

Have a look what the booklet for
CIELCh(68, 64.253, 94.961) contains.

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Color

CIELCh(68, 64.253, 94.961)

Conversions

Conversions Part 1

Format	Color
Hex	BBA624
RGB	187, 166, 36
RGB Percent	73%, 65%, 14%
CMY	0.2666, 0.3489, 0.8587
CMYK	0.00, 0.11, 0.81, 0.27
HSL	52°, 68%, 44%
HSV	52°, 81%, 73%
XYZ	34.4550, 37.9720, 7.1837
YIQ	157.4590, 54.2460, -35.9780

Conversions

Conversions Part 2

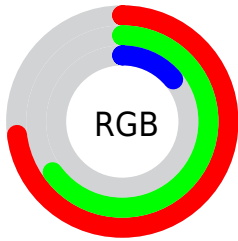
Format	Color
RYB	60, 187, 36
Decimal	12297764
CIELab	68.00, -5.56, 64.01
CIELCh	68, 64.253, 94.961
Yxy	37.9720, 0.4328, 0.4770
Android (android.graphics.Color)	4290487844 (0xFFBBA624)
YUV	157.4590, -59.8793, 25.9075
Hunter-Lab	61.6215, -8.0310, 36.2231

Details

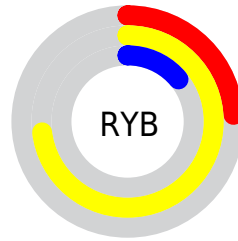
The CIELCh color **68, 64.253, 94.961** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **32, 80.526, 299.674**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 64.504, 94.916**, and **48, 54.373, 95.080** is the 20% darker color. If you saturate the color by 10%, you get **67, 68.013, 93.923**, and if you desaturate by 10%, it is **69, 58.582, 96.021**.

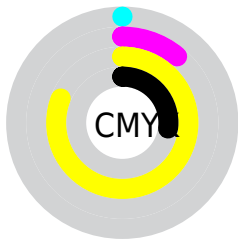
Distribution



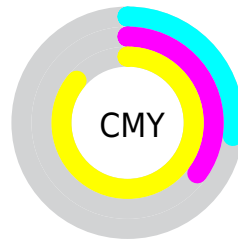
- Red (73%)
- Green (65%)
- Blue (14%)



- Red (24%)
- Yellow (73%)
- Blue (14%)



- Cyan (0%)
- Magenta (11%)
- Yellow (81%)
- Black (27%)



- Cyan (27%)
- Magenta (35%)
- Yellow (86%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 64.253, 94.961 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, 64.253, 94.961 by changing the saturation by 10% instead.

 68, 64.253, 94.961

 68, 64.253, 94.961

 100, 64.253,
94.961

 58, 64.253, 94.961

 88, 64.253, 94.961

 48, 64.253, 94.961

 98, 64.253, 94.961

 38, 64.253, 94.961

 28, 64.253, 94.961

 18, 64.253, 94.961

 8, 64.253, 94.961

 0, 64.253, 94.961

 68, 64.253, 94.961

 68, 64.253, 94.961

 67, 68.013, 93.923

 69, 58.582, 96.021

67, 69.848, 92.956

70, 51.569, 97.107

71, 43.716, 98.217

72, 35.382, 99.341

73, 26.794,
100.467

74, 18.090,
101.582

75, 9.354, 102.673

76, 0.634, 103.567

77, 8.044, 284.804

Harmonies

Complementary

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



68, 64.253, 94.961



32, 80.526, 299.674

Rectangle

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



68, 64.253, 94.961



68, 64.253, 144.961



68, 64.253, 274.961



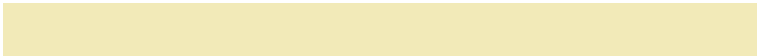
68, 64.253, 324.961

Sweetspot

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



68, 64.253, 94.964



92, 25.834, 101.177



41, 64.498, 23.865



49, 17.887, 100.777



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



68, 64.253, 94.964



84, 84.275, 93.098



70, 74.793, 120.727



39, 4.971, 102.821



57, 61.751, 93.096



9, 14.059, 98.858

Inverse Universe

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



32, 80.526, 299.674



34, 118.033, 303.944



32, 89.573, 309.077



37, 5.047, 284.902



20, 86.021, 303.902



2, 15.704, 286.430

Previews

White Background



This preview shows how the CIELCh color 68, 64.253, 94.961 looks on a white background.

Color Contrast Check

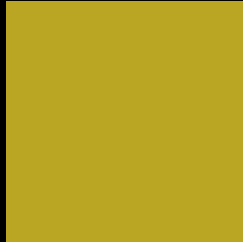
Large Text (above 18pt) WCAG AA × Fail

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 68, 64.253, 94.961 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, 64.253, 94.961

Background



This preview shows how black text looks on a background with the CIELCh color 68, 64.253, 94.961.



This preview shows how white text looks on a background with the CIELCh color 68, 64.253, 94.961.

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, 64.253, 94.961

Protanopia

68, 64.176, 95.364

Deuteranopia

68, 63.843, 81.769



Tritanopia
68, 17.150, 358.594

Trichromacy



Original Color
68, 64.253, 94.961

Protanomaly
68, 64.176, 95.364

Deuteranomaly
68, 63.562, 86.444

Tritanomaly
68, 26.532, 74.738

Monochromacy



Original Color
68, 64.253, 94.961

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 25.981, 99.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 64.253, 94.961 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(187, 166, 36)` looks like.

```
.text, #text, p{  
    color:rgb(187, 166, 36)  
}
```

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(187, 166, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 166, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 64.253, 94.961 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(187, 166, 36) }
```

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

```
.border{ border-color:rgb(187, 166, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 166, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 166, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 166, 36);  
box-shadow:4px 4px 4px 4px rgb(187, 166,  
36) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 64.253, 94.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 166, 36) }
```

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

```
.background{ background-color: rgb(187,  
166, 36) }
```

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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