

Converting Colors

CIELCh(67, 64.261, 93.696)

Have a look what the booklet for
CIELCh(67, 64.261, 93.696) contains.

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Color

CIELCh(67, 64.217, 94.024)

Conversions

Conversions Part 1

Format	Color
Hex	BAA321
RGB	186, 163, 33
RGB Percent	73%, 64%, 13%
CMY	0.2716, 0.3616, 0.8717
CMYK	0.00, 0.12, 0.82, 0.27
HSL	51°, 70%, 43%
HSV	51°, 82%, 73%
XYZ	33.5184, 36.6320, 6.7219
YIQ	155.0570, 55.4380, -35.5540

Conversions

Conversions Part 2

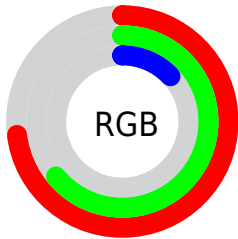
Format	Color
RYB	60, 186, 33
Decimal	12231457
CIELab	67.00, -4.51, 64.06
CIELCh	67, 64.217, 94.024
Yxy	36.6320, 0.4360, 0.4765
Android (android.graphics.Color)	4290421537 (0xFFBAA321)
YUV	155.0570, -60.1741, 27.1370
Hunter-Lab	60.5244, -7.0643, 35.7823

Details

The CIELCh color **67, 64.217, 94.024** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **31, 80.745, 299.688**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 64.316, 94.056**, and **47, 53.548, 93.851** is the 20% darker color. If you saturate the color by 10%, you get **66, 67.621, 92.922**, and if you desaturate by 10%, it is **68, 58.840, 95.125**.

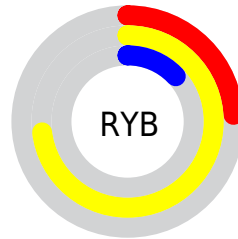
Distribution



Red (73%)

Green (64%)

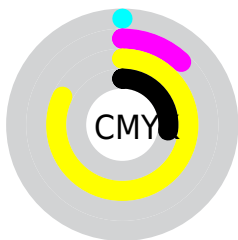
Blue (13%)



Red (24%)

Yellow (73%)

Blue (13%)

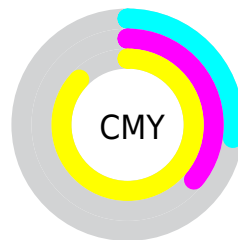


Cyan (0%)

Magenta (12%)

Yellow (82%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 64.217, 94.024 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, 64.217, 94.024 by changing the saturation by 10% instead.

 67, 64.217, 94.024

 67, 64.217, 94.024

 100, 64.217,
94.024

 57, 64.217, 94.024

 87, 64.217, 94.024

 47, 64.217, 94.024

 97, 64.217, 94.024

 37, 64.217, 94.024

 27, 64.217, 94.024

 17, 64.217, 94.024

 7, 64.217, 94.024

 0, 64.217, 94.024

 67, 64.217, 94.024

 67, 64.217, 94.024

 66, 67.621, 92.922

 68, 58.840, 95.125

66, 69.064, 92.069

69, 52.057, 96.240

70, 44.390, 97.372

71, 36.214, 98.514

72, 27.772, 99.656

73, 19.209,
100.787

74, 10.613,
101.894

75, 2.033, 102.929

76, 6.502, 284.057

Harmonies

Complementary

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



67, 64.217, 94.024



31, 80.745, 299.688

Rectangle

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



67, 64.217, 94.024



67, 64.217, 144.024



67, 64.217, 274.024



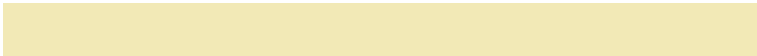
67, 64.217, 324.024

Sweetspot

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



67, 64.217, 94.027



92, 26.618, 100.446



41, 64.751, 23.305



49, 18.304, 100.047



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, 64.217, 94.027



84, 84.025, 91.981



70, 74.961, 120.074



38, 4.804, 102.225



56, 60.644, 92.233



8, 12.212, 98.943

Inverse Universe

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



31, 80.745, 299.688



34, 118.736, 304.049



31, 90.703, 308.793



36, 4.874, 284.319



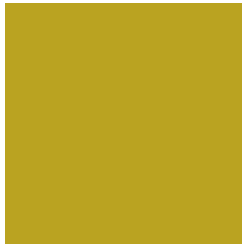
20, 84.098, 303.591



2, 13.700, 285.453

Previews

White Background



This preview shows how the CIELCh color 67, 64.217, 94.024 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, 64.217, 94.024 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, 64.217, 94.024

Background



This preview shows how black text looks on a background with the CIELCh color 67, 64.217, 94.024.



This preview shows how white text looks on a background with the CIELCh color 67, 64.217, 94.024.

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, 64.217, 94.024

Protanopia

67, 64.328, 95.286

Deuteranopia

67, 64.029, 82.520



Tritanopia
67, 17.784, 1.370

Trichromacy



Original Color
67, 64.217, 94.024

Protanomaly
67, 64.405, 94.883

Deuteranomaly
67, 63.930, 86.804

Tritanomaly
67, 27.152, 73.168

Monochromacy



Original Color
67, 64.217, 94.024

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 26.037, 99.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 64.217, 94.024 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, 33)` looks like.

```
.text, #text, p{  
    color:rgb(186, 163, 33)  
}
```

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, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 163, 33) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 64.217, 94.024 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, 33) }
```

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

```
.border{ border-color:rgb(186, 163, 33) }
```

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, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 163, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 163, 33);  
box-shadow:4px 4px 4px 4px rgb(186, 163,  
33) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 64.217, 94.024 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, 33) }
```

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

```
.background{ background-color: rgb(186,  
163, 33) }
```

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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