

Converting Colors

CIELCh(67, 66.032, 95.270)

Have a look what the booklet for
CIELCh(67, 66.032, 95.270) contains.

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Color

CIELCh(67, 66.140, 95.312)

Conversions

Conversions Part 1

Format	Color
Hex	B8A419
RGB	184, 164, 25
RGB Percent	72%, 64%, 10%
CMY	0.2800, 0.3583, 0.9002
CMYK	0.00, 0.11, 0.86, 0.28
HSL	52°, 76%, 41%
HSV	52°, 86%, 72%
XYZ	33.0603, 36.6320, 6.2737
YIQ	154.1340, 56.5390, -38.9890

Conversions

Conversions Part 2

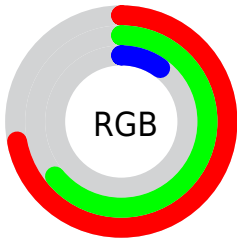
Format	Color
RYB	48, 184, 25
Decimal	12100633
CIELab	67.00, -6.12, 65.86
CIELCh	67, 66.140, 95.312
Yxy	36.6320, 0.4352, 0.4822
Android (android.graphics.Color)	4290290713 (0xFFB8A419)
YUV	154.1340, -63.6631, 26.1925
Hunter-Lab	60.5244, -8.4154, 36.2213

Details

The CIELCh color **67, 66.140, 95.312** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **28, 86.038, 301.504**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 66.516, 95.328**, and **47, 53.642, 95.480** is the 20% darker color. If you saturate the color by 10%, you get **66, 68.708, 94.354**, and if you desaturate by 10%, it is **68, 61.492, 96.299**.

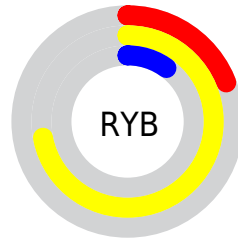
Distribution



Red (72%)

Green (64%)

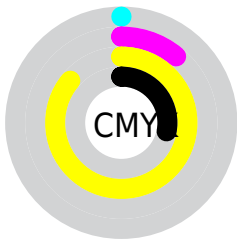
Blue (10%)



Red (19%)

Yellow (72%)

Blue (10%)

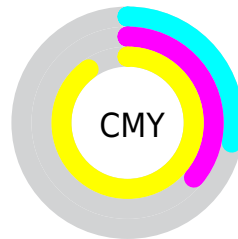


Cyan (0%)

Magenta (11%)

Yellow (86%)

Black (28%)



Cyan (28%)

Magenta (36%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 66.140, 95.312 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, 66.140, 95.312 by changing the saturation by 10% instead.

■ 67, 66.140, 95.312

■ 67, 66.140, 95.312

■ 100, 66.140,
95.312

■ 57, 66.140, 95.312

■ 87, 66.140, 95.312

■ 47, 66.140, 95.312

■ 97, 66.140, 95.312

■ 37, 66.140, 95.312

■ 27, 66.140, 95.312

■ 17, 66.140, 95.312

■ 7, 66.140, 95.312

■ 0, 66.140, 95.312

■ 67, 66.140, 95.312

■ 67, 66.140, 95.312

■ 66, 68.708, 94.354

■ 68, 61.492, 96.299

66, 69.427, 93.988

68, 55.206, 97.324

69, 47.824, 98.388

70, 39.776, 99.480

71, 31.353,
100.584

72, 22.738,
101.688

73, 14.040,
102.778

74, 5.326, 103.837

75, 3.366, 284.932

Harmonies

Complementary

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



67, 66.140, 95.312



28, 86.038, 301.504

Rectangle

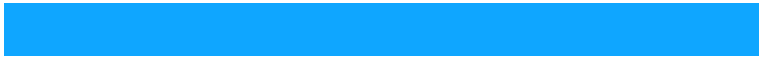
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67, 66.140, 95.312



67, 66.140, 145.312



67, 66.140, 275.312



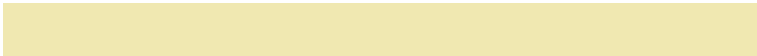
67, 66.140, 325.312

Sweetspot

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



67, 66.140, 95.314



91, 28.094, 101.654



40, 67.671, 27.504



48, 19.021, 101.276



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, 66.140, 95.314



84, 84.684, 93.821



68, 76.808, 121.693



38, 4.925, 103.503



57, 61.486, 94.113



8, 12.652, 100.907

Inverse Universe

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



28, 86.038, 301.504



32, 120.773, 304.734



29, 92.423, 309.530



36, 5.004, 285.554



20, 85.821, 304.181



1, 13.961, 286.302

Previews

White Background



This preview shows how the CIELCh color 67, 66.140, 95.312 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, 66.140, 95.312 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, 66.140, 95.312

Background



This preview shows how black text looks on a background with the CIELCh color 67, 66.140, 95.312.



This preview shows how white text looks on a background with the CIELCh color 67, 66.140, 95.312.

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, 66.372, 95.315

Protanopia

67, 66.372, 95.315

Deuteranopia

67, 65.671, 82.448



Tritanopia
67, 17.209, 358.631

Trichromacy



Original Color
67, 66.372, 95.315

Protanomaly
67, 66.372, 95.315

Deuteranomaly
67, 65.330, 86.998

Tritanomaly
66, 27.587, 75.701

Monochromacy



Original Color
67, 66.372, 95.315

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 28.120, 101.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 66.140, 95.312 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, 25)` looks like.

```
.text, #text, p{  
    color:rgb(184, 164, 25)  
}
```

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, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 164, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 66.140, 95.312 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, 25) }
```

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

```
.border{ border-color:rgb(184, 164, 25) }
```

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, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 164, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 164, 25);  
box-shadow:4px 4px 4px 4px rgb(184, 164,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 66.140, 95.312 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, 25) }
```

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

```
.background{ background-color: rgb(184,  
164, 25) }
```

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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