

Converting Colors

CIELCh(67, 63.393, 95.228)

Have a look what the booklet for
CIELCh(67, 63.393, 95.228) contains.

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Color

CIELCh(67, 63.456, 95.270)

Conversions

Conversions Part 1

Format	Color
Hex	B7A423
RGB	183, 164, 35
RGB Percent	72%, 64%, 14%
CMY	0.2805, 0.3587, 0.8611
CMYK	0.00, 0.11, 0.81, 0.28
HSL	52°, 68%, 43%
HSV	52°, 81%, 72%
XYZ	33.1435, 36.6320, 6.9465
YIQ	154.9750, 52.7330, -36.0910

Conversions

Conversions Part 2

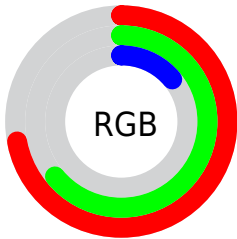
Format	Color
RYB	57, 183, 35
Decimal	12035107
CIELab	67.00, -5.83, 63.19
CIElCh	67, 63.456, 95.270
Yxy	36.6320, 0.4320, 0.4775
Android (android.graphics.Color)	4290225187 (0xFFB7A423)
YUV	154.9750, -59.1477, 24.5779
Hunter-Lab	60.5244, -8.1700, 35.5622

Details

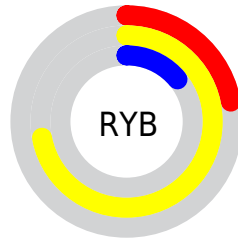
The CIELCh color **67, 63.456, 95.270** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **31, 79.637, 299.796**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 63.880, 95.965**, and **47, 53.574, 96.003** is the 20% darker color. If you saturate the color by 10%, you get **66, 67.188, 94.256**, and if you desaturate by 10%, it is **68, 57.850, 96.312**.

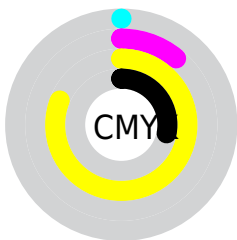
Distribution



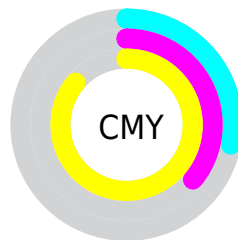
- Red (72%)
- Green (64%)
- Blue (14%)



- Red (22%)
- Yellow (72%)
- Blue (14%)



- Cyan (0%)
- Magenta (11%)
- Yellow (81%)
- Black (28%)



- Cyan (28%)
- Magenta (36%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 63.456, 95.270 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, 63.456, 95.270 by changing the saturation by 10% instead.

67, 63.456, 95.270

67, 63.456, 95.270

100, 63.456,
95.270

57, 63.456, 95.270

87, 63.456, 95.270

47, 63.456, 95.270

97, 63.456, 95.270

37, 63.456, 95.270

27, 63.456, 95.270

17, 63.456, 95.270

7, 63.456, 95.270

0, 63.456, 95.270

67, 63.456, 95.270

67, 63.456, 95.270

66, 67.188, 94.256

68, 57.850, 96.312

66, 69.044, 93.315

69, 50.924, 97.384

69, 43.170, 98.484

70, 34.938, 99.599

71, 26.453,
100.717

72, 17.851,
101.825

73, 9.213, 102.910

75, 0.589, 103.791

76, 7.995, 285.029

Harmonies

Complementary

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



67, 63.456, 95.270



31, 79.637, 299.796

Rectangle

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



67, 63.456, 95.270



67, 63.456, 145.270



67, 63.456, 275.270



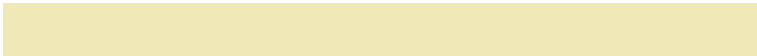
67, 63.456, 325.270

Sweetspot

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



67, 63.456, 95.273



91, 25.722, 101.416



41, 63.486, 23.799



48, 17.654, 101.023



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, 63.456, 95.273



84, 83.813, 93.445



69, 73.654, 120.721



38, 4.882, 103.054



56, 61.177, 93.449



8, 12.494, 100.227

Inverse Universe

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



31, 79.637, 299.796



33, 117.468, 304.038



31, 88.176, 309.072



36, 4.957, 285.121



20, 85.227, 303.980



2, 13.867, 286.003

Previews

White Background



This preview shows how the CIELCh color 67, 63.456, 95.270 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, 63.456, 95.270 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, 63.456, 95.270

Background



This preview shows how black text looks on a background with the CIELCh color 67, 63.456, 95.270.



This preview shows how white text looks on a background with the CIELCh color 67, 63.456, 95.270.

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, 63.679, 95.684

Protanopia

67, 63.679, 95.684

Deuteranopia

67, 63.087, 82.319



Tritanopia
67, 17.209, 358.631

Trichromacy



Original Color
67, 63.679, 95.684

Protanomaly
67, 63.679, 95.684

Deuteranomaly
67, 62.864, 87.067

Tritanomaly
67, 26.168, 74.112

Monochromacy



Original Color
67, 63.679, 95.684

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 25.446, 100.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 63.456, 95.270 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(183, 164, 35)` looks like.

```
.text, #text, p{  
    color:rgb(183, 164, 35)  
}
```

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(183, 164, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 164, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 63.456, 95.270 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(183, 164, 35) }
```

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

```
.border{ border-color:rgb(183, 164, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 164, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 164, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 164, 35);  
box-shadow:4px 4px 4px 4px rgb(183, 164,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 63.456, 95.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 164, 35) }
```

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

```
.background{ background-color: rgb(183,  
164, 35) }
```

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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