

Converting Colors

CIELCh(67, 69.010, 95.785)

Have a look what the booklet for
CIELCh(67, 69.010, 95.785) contains.

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Color

CIELCh(67, 68.958, 95.714)

Conversions

Conversions Part 1

Format	Color
Hex	B7A40A
RGB	183, 164, 10
RGB Percent	72%, 64%, 4%
CMY	0.2824, 0.3569, 0.9609
CMYK	0.00, 0.10, 0.95, 0.28
HSL	53°, 90%, 38%
HSV	53°, 95%, 72%
XYZ	32.8513, 36.6320, 5.6251
YIQ	152.1250, 60.7580, -43.8660

Conversions

Conversions Part 2

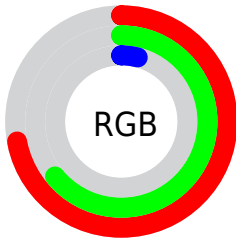
Format	Color
RYB	31, 183, 10
Decimal	12035082
CIELab	67.00, -6.87, 68.62
CIELCh	67, 68.958, 95.714
Yxy	36.6320, 0.4374, 0.4877
Android (android.graphics.Color)	4290225162 (0xFFB7A40A)
YUV	152.1250, -70.0676, 27.0774
Hunter-Lab	60.5244, -9.0317, 36.8567

Details

The CIELCh color **67, 68.958, 95.714** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **25, 94.835, 303.858**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 69.214, 95.786**, and **47, 53.511, 96.527** is the 20% darker color. If you saturate the color by 10%, you get **67, 69.961, 95.260**, and if you desaturate by 10%, it is **68, 66.076, 96.580**.

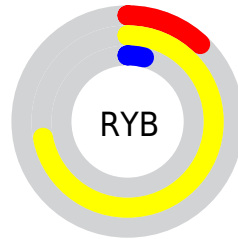
Distribution



Red (72%)

Green (64%)

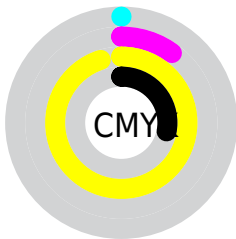
Blue (4%)



Red (12%)

Yellow (72%)

Blue (4%)

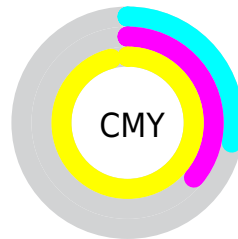


Cyan (0%)

Magenta (10%)

Yellow (95%)

Black (28%)



Cyan (28%)

Magenta (36%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 68.958, 95.714 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, 68.958, 95.714 by changing the saturation by 10% instead.

 67, 68.958, 95.714

 67, 68.958, 95.714

 100, 68.958,
95.714

 57, 68.958, 95.714

 87, 68.958, 95.714

 47, 68.958, 95.714

 97, 68.958, 95.714

 37, 68.958, 95.714

 27, 68.958, 95.714

 17, 68.958, 95.714

 7, 68.958, 95.714

 0, 68.958, 95.714

 67, 68.958, 95.714

 67, 68.958, 95.714

 67, 69.961, 95.260

 68, 66.076, 96.580

68, 61.145, 97.498

69, 54.647, 98.477

70, 47.105, 99.505

70, 38.926,
100.568

71, 30.384,
101.648

72, 21.654,
102.729

73, 12.840,
103.798

74, 4.007, 104.831

Harmonies

Complementary

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



67, 68.958, 95.714



25, 94.835, 303.858

Rectangle

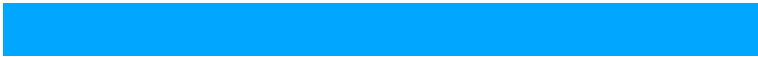
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67, 68.958, 95.714



67, 68.958, 145.714



67, 68.958, 275.714



67, 68.958, 325.714

Sweetspot

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



67, 68.957, 95.716



91, 30.464, 102.307



39, 73.366, 32.625



48, 21.173, 101.840



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, 68.957, 95.716



84, 84.870, 95.121



68, 80.171, 123.097



38, 5.010, 104.345



57, 62.106, 95.364



8, 12.961, 102.154

Inverse Universe

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



25, 94.835, 303.858



31, 121.068, 305.032



27, 97.000, 309.730



36, 5.094, 286.367



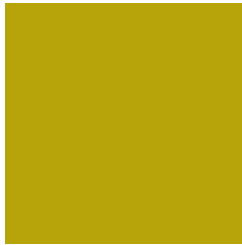
19, 86.898, 304.539



1, 14.142, 286.867

Previews

White Background



This preview shows how the CIELCh color 67, 68.958, 95.714 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 CIE LCh color 67, 68.958, 95.714 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, 68.958, 95.714

Background



This preview shows how black text looks on a background with the CIELCh color 67, 68.958, 95.714.



This preview shows how white text looks on a background with the CIELCh color 67, 68.958, 95.714.

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, 68.958, 95.714

Protanopia

67, 69.025, 95.335

Deuteranopia

67, 67.884, 82.872



Tritanopia
67, 17.209, 358.631

Trichromacy



Original Color
67, 68.958, 95.714

Protanomaly
67, 69.025, 95.335

Deuteranomaly
67, 68.015, 87.334

Tritanomaly
66, 30.248, 79.082

Monochromacy



Original Color
67, 68.958, 95.714

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 30.834, 101.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 68.958, 95.714 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, 10)` looks like.

```
.text, #text, p{  
    color:rgb(183, 164, 10)  
}
```

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, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 164, 10) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 68.958, 95.714 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, 10) }
```

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

```
.border{ border-color:rgb(183, 164, 10) }
```

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, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 164, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 164, 10);  
box-shadow:4px 4px 4px 4px rgb(183, 164,  
10) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 68.958, 95.714 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, 10) }
```

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

```
.background{ background-color: rgb(183,  
164, 10) }
```

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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