

Converting Colors

CIELCh(70, 50.442, 95.298)

Have a look what the booklet for
CIELCh(70, 50.442, 95.298) contains.

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Color

CIELCh(70, 50.182, 94.915)

Conversions

Conversions Part 1

Format	Color
Hex	BFAB4D
RGB	191, 171, 77
RGB Percent	75%, 67%, 30%
CMY	0.2509, 0.3293, 0.6979
CMYK	0.00, 0.10, 0.60, 0.25
HSL	49°, 47%, 53%
HSV	49°, 60%, 75%
XYZ	37.3990, 40.7494, 12.9195
YIQ	166.2640, 42.0940, -24.9940

Conversions

Conversions Part 2

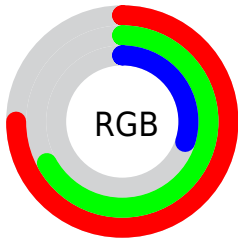
Format	Color
RYB	101, 191, 77
Decimal	12561229
CIELab	70.00, -4.30, 50.00
CIELCh	70, 50.182, 94.915
Yxy	40.7494, 0.4107, 0.4475
Android (android.graphics.Color)	4290751309 (0xFFBFAB4D)
YUV	166.2640, -44.0072, 21.6935
Hunter-Lab	63.8353, -7.1344, 32.6851

Details

The CIELCh color **70, 50.182, 94.915** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **44, 56.054, 292.365**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 50.264, 94.690**, and **50, 50.143, 94.686** is the 20% darker color. If you saturate the color by 10%, you get **69, 57.365, 93.726**, and if you desaturate by 10%, it is **71, 42.260, 96.110**.

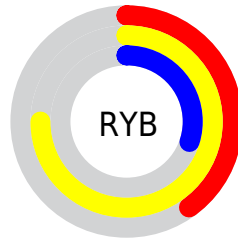
Distribution



Red (75%)

Green (67%)

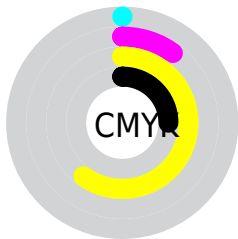
Blue (30%)



Red (40%)

Yellow (75%)

Blue (30%)

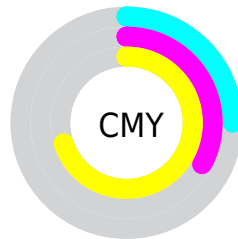


Cyan (0%)

Magenta (10%)

Yellow (60%)

Black (25%)



Cyan (25%)

Magenta (33%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 50.182, 94.915 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 70, 50.182, 94.915 by changing the saturation by 10% instead.

70, 50.182, 94.915

70, 50.182, 94.915

100, 50.182,
94.915

60, 50.182, 94.915

90, 50.182, 94.915

50, 50.182, 94.915

40, 50.182, 94.915

30, 50.182, 94.915

20, 50.182, 94.915

10, 50.182, 94.915

0, 50.182, 94.915

70, 50.182, 94.915

70, 50.182, 94.915

69, 57.365, 93.726

71, 42.260, 96.110

68, 63.305, 92.526

72, 33.936, 97.298

67, 67.391, 91.289

73, 25.420, 98.476

66, 69.500, 89.985

75, 16.836, 99.634

66, 69.562, 89.943

76, 8.255, 100.759

77, 0.283, 282.367

79, 8.757, 282.953

80, 17.155,
283.963

82, 25.473,
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.



70, 50.182, 94.915



44, 56.054, 292.365

Rectangle

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



70, 50.182, 94.915



70, 50.182, 144.915



70, 50.182, 274.915



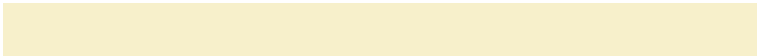
70, 50.182, 324.915

Sweetspot

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



70, 50.182, 94.918



94, 18.991, 99.793



49, 48.988, 13.812



50, 13.312, 99.456



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 50.182, 94.918



87, 72.363, 93.312



73, 59.979, 119.333



39, 4.785, 100.796



55, 60.549, 90.151



9, 13.383, 95.880

Inverse Universe

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



44, 56.054, 292.365



49, 85.341, 296.064



42, 68.545, 306.906



37, 4.848, 282.944



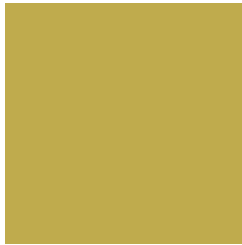
21, 83.168, 302.909



2, 15.267, 285.175

Previews

White Background



This preview shows how the CIELCh color 70, 50.182, 94.915 looks on a white background.

Color Contrast Check

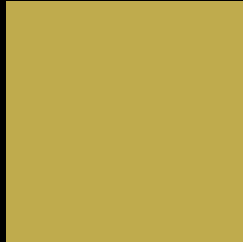
Large Text (above 18pt) WCAG AA × Fail

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 70, 50.182, 94.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

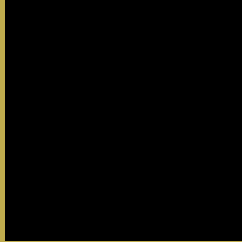
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 50.182, 94.915

Background



This preview shows how black text looks on a background with the CIELCh color 70, 50.182, 94.915.



This preview shows how white text looks on a background with the CIELCh color 70, 50.182, 94.915.

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

70, 50.182, 94.915

Protanopia

70, 50.094, 95.416

Deuteranopia

70, 50.457, 79.612



Tritanopia
70, 16.319, 357.379

Trichromacy



Original Color
70, 50.182, 94.915

Protanomaly
70, 50.094, 95.416

Deuteranomaly
70, 49.967, 85.402

Tritanomaly
70, 19.933, 67.219

Monochromacy



Original Color
70, 50.182, 94.915

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 18.764, 99.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 50.182, 94.915 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(191, 171, 77)` looks like.

```
.text, #text, p{  
    color:rgb(191, 171, 77)  
}
```

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(191, 171, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 171, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 50.182, 94.915 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(191, 171, 77) }
```

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

```
.border{ border-color:rgb(191, 171, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 171, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 171, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 171, 77);  
box-shadow:4px 4px 4px 4px rgb(191, 171,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 50.182, 94.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 171, 77) }
```

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

```
.background{ background-color: rgb(191,  
171, 77) }
```

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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