

Converting Colors

CIELCh(69, 48.566, 95.575)

Have a look what the booklet for
CIELCh(69, 48.566, 95.575) contains.

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Color

CIELCh(69, 48.674, 95.754)

Conversions

Conversions Part 1

Format	Color
Hex	BBA94E
RGB	187, 169, 78
RGB Percent	73%, 66%, 31%
CMY	0.2678, 0.3383, 0.6952
CMYK	0.00, 0.10, 0.58, 0.27
HSL	50°, 44%, 52%
HSV	50°, 58%, 73%
XYZ	35.9212, 39.3444, 12.8583
YIQ	164.0080, 39.9390, -24.4850

Conversions

Conversions Part 2

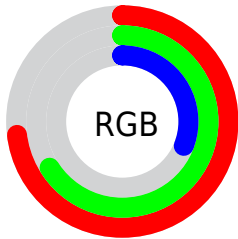
Format	Color
RYB	100, 187, 78
Decimal	12298574
CIELab	69.00, -4.88, 48.43
CIElCh	69, 48.674, 95.754
Yxy	39.3444, 0.4076, 0.4465
Android (android.graphics.Color)	4290488654 (0xFFBBA94E)
YUV	164.0080, -42.4019, 20.1640
Hunter-Lab	62.7251, -7.5461, 31.7535

Details

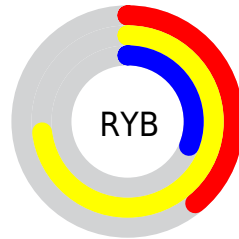
The CIELCh color **69, 48.674, 95.754** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **44, 54.399, 292.514**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 48.646, 95.895**, and **49, 48.530, 95.649** is the 20% darker color. If you saturate the color by 10%, you get **68, 55.870, 94.595**, and if you desaturate by 10%, it is **70, 40.789, 96.925**.

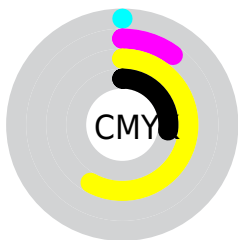
Distribution



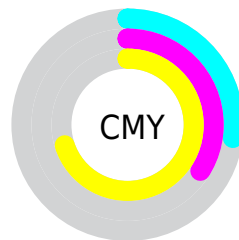
- Red (73%)
- Green (66%)
- Blue (31%)



- Red (39%)
- Yellow (73%)
- Blue (31%)



- Cyan (0%)
- Magenta (10%)
- Yellow (58%)
- Black (27%)



- Cyan (27%)
- Magenta (34%)
- Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 48.674, 95.754 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 69, 48.674, 95.754 by changing the saturation by 10% instead.

 69, 48.674, 95.754

 69, 48.674, 95.754

 100, 48.674,
95.754

 59, 48.674, 95.754

 89, 48.674, 95.754

 49, 48.674, 95.754

 99, 48.674, 95.754

 39, 48.674, 95.754

 29, 48.674, 95.754

 19, 48.674, 95.754

 9, 48.674, 95.754

 0, 48.674, 95.754

 69, 48.674, 95.754

 69, 48.674, 95.754

 68, 55.870, 94.595

 70, 40.789, 96.925

67, 61.906, 93.437

71, 32.529, 98.094

66, 66.196, 92.263

72, 24.088, 99.254

65, 68.451, 91.040

73, 15.581,
100.394

65, 68.766, 90.841

75, 7.076, 101.501

76, 1.390, 282.699

77, 9.796, 283.663

79, 18.131,
284.659

80, 26.389,
285.614

Harmonies

Complementary

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



69, 48.674, 95.754



44, 54.399, 292.514

Rectangle

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



69, 48.674, 95.754



69, 48.674, 145.754



69, 48.674, 275.754



69, 48.674, 325.754

Sweetspot

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



69, 48.675, 95.757



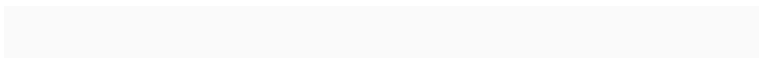
93, 18.871, 100.402



48, 47.105, 14.707



49, 13.226, 100.071



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 48.675, 95.757



86, 70.138, 94.273



71, 57.965, 120.073



39, 4.838, 101.393



56, 60.875, 91.012



9, 13.573, 96.769

Inverse Universe

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



44, 54.399, 292.514



48, 82.421, 295.937



42, 65.748, 307.239



37, 4.905, 283.523



21, 84.027, 303.214



2, 15.392, 285.543

Previews

White Background



This preview shows how the CIELCh color 69, 48.674, 95.754 looks on a white background.

Color Contrast Check

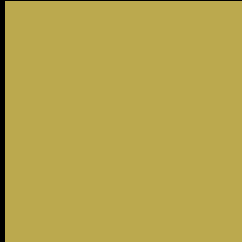
Large Text (above 18pt) WCAG AA × Fail

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 69, 48.674, 95.754 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 69, 48.674, 95.754

Background



This preview shows how black text looks on a background with the CIELCh color 69, 48.674, 95.754.



This preview shows how white text looks on a background with the CIELCh color 69, 48.674, 95.754.

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

69, 48.674, 95.754

Protanopia

69, 48.674, 95.754

Deuteranopia

69, 48.577, 79.231



Tritanopia
69, 15.291, 355.498

Trichromacy



Original Color
69, 48.674, 95.754

Protanomaly
69, 48.674, 95.754

Deuteranomaly
69, 48.075, 85.260

Tritanomaly
69, 18.707, 69.000

Monochromacy



Original Color
69, 48.674, 95.754

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 18.207, 100.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 48.674, 95.754 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(187, 169, 78)` looks like.

```
.text, #text, p{  
    color:rgb(187, 169, 78)  
}
```

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(187, 169, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 169, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 48.674, 95.754 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(187, 169, 78) }
```

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

```
.border{ border-color:rgb(187, 169, 78) }
```

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

Here you see how a box with a 4 pixel rgb(187, 169, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 169, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 169, 78);  
box-shadow:4px 4px 4px 4px rgb(187, 169,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 48.674, 95.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 169, 78) }
```

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

```
.background{ background-color: rgb(187,  
169, 78) }
```

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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