

Converting Colors

CIELCh(69, 24.547, 90.845)

Have a look what the booklet for
CIELCh(69, 24.547, 90.845) contains.

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Color

CIELCh(69, 24.520, 90.867)

Conversions

Conversions Part 1

Format	Color
Hex	B8A77C
RGB	184, 167, 124
RGB Percent	72%, 65%, 49%
CMY	0.2780, 0.3446, 0.5133
CMYK	0.00, 0.09, 0.33, 0.28
HSL	43°, 30%, 60%
HSV	43°, 33%, 72%
XYZ	37.2822, 39.3444, 24.7354
YIQ	167.1810, 23.9350, -9.7690

Conversions

Conversions Part 2

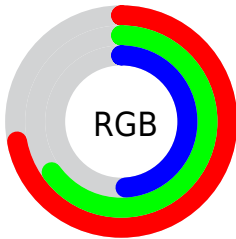
Format	Color
R _Y B	148, 184, 124
Decimal	12101500
CIE Lab	69.00, -0.37, 24.52
CIE LCh	69, 24.520, 90.867
Yxy	39.3444, 0.3678, 0.3882
Android (android.graphics.Color)	4290291580 (0xFFB8A77C)
YUV	167.1810, -21.2882, 14.7503
Hunter-Lab	62.7251, -3.6732, 20.5268

Details

The CIELCh color **69, 24.520, 90.867** is a light color, and the websafe version is hex **999966**. A complement of this color would be **59, 24.822, 279.857**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 24.473, 90.571**, and **49, 24.261, 90.544** is the 20% darker color. If you saturate the color by 10%, you get **67, 32.185, 89.554**, and if you desaturate by 10%, it is **71, 16.888, 92.154**.

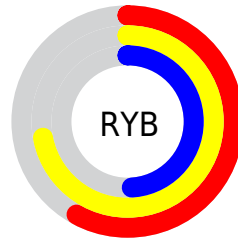
Distribution



Red (72%)

Green (65%)

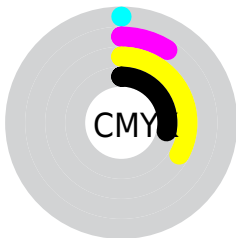
Blue (49%)



Red (58%)

Yellow (72%)

Blue (49%)

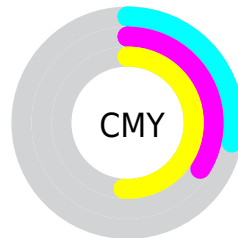


Cyan (0%)

Magenta (9%)

Yellow (33%)

Black (28%)



Cyan (28%)

Magenta (34%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 24.520, 90.867 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, 24.520, 90.867 by changing the saturation by 10% instead.

■ 69, 24.520, 90.867

■ 69, 24.520, 90.867

■ 100, 24.520,
90.867

■ 59, 24.520, 90.867

■ 89, 24.520, 90.867

■ 49, 24.520, 90.867

■ 99, 24.520, 90.867

■ 39, 24.520, 90.867

■ 29, 24.520, 90.867

■ 19, 24.520, 90.867

■ 9, 24.520, 90.867

■ 0, 24.520, 90.867

■ 69, 24.520, 90.867

■ 69, 24.520, 90.867

■ 67, 32.185, 89.554

■ 71, 16.888, 92.154

66, 39.778, 88.200

73, 9.340, 93.391

64, 47.108, 86.799

74, 1.900, 94.514

63, 53.845, 85.326

76, 5.421, 275.812

61, 59.461, 83.719

78, 12.625,
276.902

60, 63.276, 81.869

80, 19.714,
277.957

59, 65.067, 80.351

82, 26.696,
278.963

83, 25.346,
274.170

85, 23.244,
267.729

Harmonies

Complementary

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



69, 24.520, 90.867



59, 24.822, 279.857

Rectangle

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



69, 24.520, 90.867



69, 24.520, 140.867



69, 24.520, 270.867



69, 24.520, 320.867

Sweetspot

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



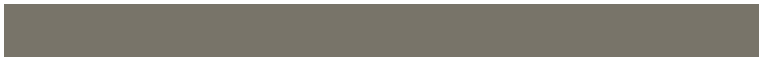
69, 24.521, 90.872



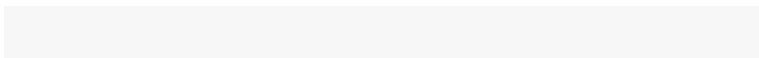
92, 9.171, 93.682



59, 25.774, 0.793



49, 6.261, 93.515



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 24.521, 90.872



86, 36.479, 89.946



73, 32.445, 116.487



38, 4.180, 93.781



50, 57.492, 80.689



7, 10.208, 85.879

Inverse Universe

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



59, 24.822, 279.857



71, 37.103, 281.289



55, 34.866, 301.269



36, 4.200, 276.120



24, 71.927, 298.712



2, 12.305, 280.081

Previews

White Background



This preview shows how the CIELCh color 69, 24.520, 90.867 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 69, 24.520, 90.867 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, 24.520, 90.867

Background



This preview shows how black text looks on a background with the CIELCh color 69, 24.520, 90.867.



This preview shows how white text looks on a background with the CIELCh color 69, 24.520, 90.867.

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, 24.520, 90.867

Protanopia

69, 24.037, 94.722

Deuteranopia

69, 25.693, 69.410



Tritanopia
69, 12.869, 349.950

Trichromacy



Original Color
69, 24.520, 90.867

Protanomaly
69, 24.140, 93.752

Deuteranomaly
69, 24.722, 76.104

Tritanomaly
69, 10.850, 43.832

Monochromacy



Original Color
69, 24.520, 90.867

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 9.063, 94.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 24.520, 90.867 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, 167, 124)` looks like.

```
.text, #text, p{  
    color:rgb(184, 167, 124)  
}
```

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, 167, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 167, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 24.520, 90.867 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, 167, 124) }
```

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

```
.border{ border-color:rgb(184, 167, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 167, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 167, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 167, 124);  
box-shadow:4px 4px 4px 4px rgb(184, 167,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 24.520, 90.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 167, 124) }
```

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

```
.background{ background-color: rgb(184,  
167, 124) }
```

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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