

Converting Colors

CIELCh(69, 37.295, 58.011)

Have a look what the booklet for
CIELCh(69, 37.295, 58.011) contains.

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Color

CIELCh(69, 37.224, 58.372)

Conversions

Conversions Part 1

Format	Color
Hex	DB9A70
RGB	219, 154, 112
RGB Percent	86%, 60%, 44%
CMY	0.1412, 0.3960, 0.5608
CMYK	0.00, 0.30, 0.49, 0.14
HSL	24°, 60%, 65%
HSV	24°, 49%, 86%
XYZ	43.6970, 39.3444, 20.6223
YIQ	168.6470, 52.2220, 0.7180

Conversions

Conversions Part 2

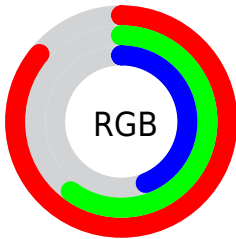
Format	Color
RYB	219, 181, 112
Decimal	14391920
CIELab	69.00, 19.52, 31.70
CIElCh	69, 37.224, 58.372
Yxy	39.3444, 0.4215, 0.3795
Android (android.graphics.Color)	4292582000 (0xFFDB9A70)
YUV	168.6470, -27.9270, 44.1596
Hunter-Lab	62.7251, 14.5818, 24.4146

Details

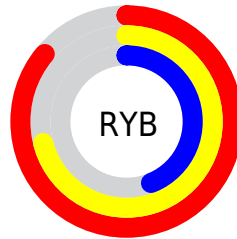
The CIELCh color **69, 37.224, 58.372** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **69, 29.140, 251.222**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 30.175, 70.361**, and **49, 37.250, 58.993** is the 20% darker color. If you saturate the color by 10%, you get **66, 46.262, 57.552**, and if you desaturate by 10%, it is **73, 28.646, 59.242**.

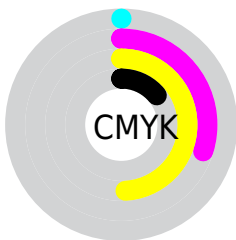
Distribution



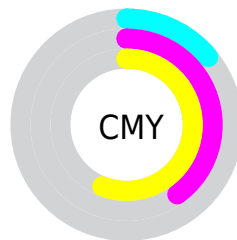
- Red (86%)
- Green (60%)
- Blue (44%)



- Red (86%)
- Yellow (71%)
- Blue (44%)



- Cyan (0%)
- Magenta (30%)
- Yellow (49%)
- Black (14%)



- Cyan (14%)
- Magenta (40%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 37.224, 58.372 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, 37.224, 58.372 by changing the saturation by 10% instead.

 69, 37.224, 58.372

 69, 37.224, 58.372

 100, 37.224,
58.372

 59, 37.224, 58.372

 89, 37.224, 58.372

 49, 37.224, 58.372

 99, 37.224, 58.372

 39, 37.224, 58.372

 29, 37.224, 58.372

 19, 37.224, 58.372

 9, 37.224, 58.372

 0, 37.224, 58.372

 69, 37.224, 58.372

 69, 37.224, 58.372

 66, 46.262, 57.552

 73, 28.646, 59.242

62, 55.604, 56.729

76, 20.577, 60.152

59, 64.865, 55.788

80, 13.012, 61.095

56, 73.241, 54.460

84, 5.917, 62.034

54, 79.692, 52.422

88, 0.748, 243.754

54, 80.407, 52.216

92, 7.030, 244.177

96, 10.199,
222.297

98, 12.124,
198.696

Harmonies

Complementary

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



69, 37.224, 58.372



69, 29.140, 251.222

Rectangle

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



69, 37.224, 58.372



69, 37.224, 108.372



69, 37.224, 238.372



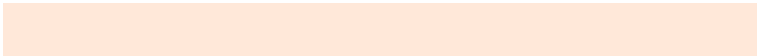
69, 37.224, 288.372

Sweetspot

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



69, 37.223, 58.377



93, 11.570, 61.449



62, 52.254, 342.216



49, 7.948, 61.247



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 37.223, 58.377



75, 52.568, 57.500



82, 48.867, 99.660



44, 3.804, 61.981



43, 67.197, 52.833



9, 18.759, 47.756

Inverse Universe

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



69, 29.140, 251.222



76, 38.699, 254.328



55, 54.131, 292.642



44, 3.661, 244.104



43, 43.314, 271.051



9, 15.316, 260.374

Previews

White Background



This preview shows how the CIELCh color 69, 37.224, 58.372 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, 37.224, 58.372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

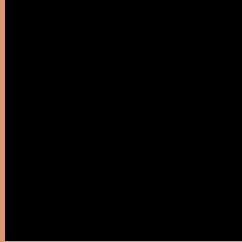
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 37.224, 58.372

Background



This preview shows how black text looks on a background with the CIELCh color 69, 37.224, 58.372.



This preview shows how white text looks on a background with the CIELCh color 69, 37.224, 58.372.

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, 37.224, 58.372

Protanopia

69, 28.210, 96.113

Deuteranopia

69, 33.165, 74.068



Tritanopia
69, 30.285, 11.208

Trichromacy



Original Color
69, 37.224, 58.372

Protanomaly
69, 29.522, 80.762

Deuteranomaly
69, 34.471, 67.500

Tritanomaly
69, 30.227, 30.332

Monochromacy



Original Color
69, 37.224, 58.372

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 12.776, 62.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 37.224, 58.372 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(219, 154, 112)` looks like.

```
.text, #text, p{  
    color:rgb(219, 154, 112)  
}
```

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(219, 154, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 154, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 37.224, 58.372 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(219, 154, 112) }
```

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

```
.border{ border-color:rgb(219, 154, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 154, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 154, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 154, 112);  
box-shadow:4px 4px 4px 4px rgb(219, 154,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 37.224, 58.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 154, 112) }
```

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

```
.background{ background-color: rgb(219,  
154, 112) }
```

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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