

Converting Colors

CIELCh(70, 32.242, 53.419)

Have a look what the booklet for
CIELCh(70, 32.242, 53.419) contains.

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Color

CIELCh(70, 32.242, 53.419)

Conversions

Conversions Part 1

Format	Color
Hex	DB9D7D
RGB	219, 157, 125
RGB Percent	86%, 62%, 49%
CMY	0.1404, 0.3836, 0.5091
CMYK	0.00, 0.28, 0.43, 0.14
HSL	20°, 57%, 68%
HSV	20°, 43%, 86%
XYZ	45.0716, 40.7494, 24.9491
YIQ	171.8900, 47.2240, 3.1920

Conversions

Conversions Part 2

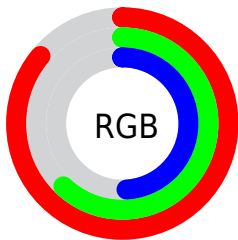
Format	Color
R _Y B	219, 174, 125
Decimal	14392701
CIE Lab	70.00, 19.21, 25.89
CIE LCh	70, 32.242, 53.419
Yxy	40.7494, 0.4069, 0.3679
Android (android.graphics.Color)	4292582781 (0xFFDB9D7D)
YUV	171.8900, -23.1168, 41.3155
Hunter-Lab	63.8353, 14.3203, 21.5120

Details

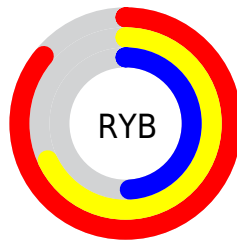
The CIELCh color **70, 32.242, 53.419** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **73, 25.131, 242.486**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 24.710, 65.397**, and **50, 32.268, 52.613** is the 20% darker color. If you saturate the color by 10%, you get **66, 41.222, 52.887**, and if you desaturate by 10%, it is **74, 23.828, 54.047**.

Distribution



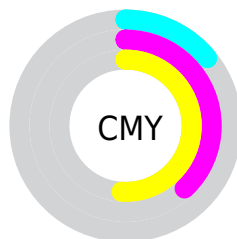
- Red (86%)
- Green (62%)
- Blue (49%)



- Red (86%)
- Yellow (68%)
- Blue (49%)



- Cyan (0%)
- Magenta (28%)
- Yellow (43%)
- Black (14%)



- Cyan (14%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 32.242, 53.419 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, 32.242, 53.419 by changing the saturation by 10% instead.

70, 32.242, 53.419

70, 32.242, 53.419

100, 32.242,
53.419

60, 32.242, 53.419

90, 32.242, 53.419

50, 32.242, 53.419

40, 32.242, 53.419

30, 32.242, 53.419

20, 32.242, 53.419

10, 32.242, 53.419

0, 32.242, 53.419

70, 32.242, 53.419

70, 32.242, 53.419

66, 41.222, 52.887

74, 23.828, 54.047

63, 50.696, 52.426

78, 15.985, 54.741

59, 60.447, 51.984

82, 8.684, 55.479

56, 69.958, 51.391

86, 1.879, 56.071

54, 78.167, 50.262

90, 4.480, 237.295

52, 82.837, 49.114

95, 9.965, 233.968

98, 12.063,
198.700

Harmonies

Complementary

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



70, 32.242, 53.419



73, 25.131, 242.486

Rectangle

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



70, 32.242, 53.419



70, 32.242, 103.419



70, 32.242, 233.419



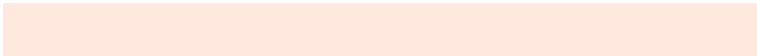
70, 32.242, 283.419

Sweetspot

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



70, 32.241, 53.424



94, 9.906, 55.463



65, 47.824, 339.093



49, 6.987, 55.298



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 32.241, 53.424



77, 44.703, 52.960



82, 41.290, 97.409



44, 3.778, 55.732



41, 69.147, 49.687



8, 19.230, 42.479

Inverse Universe

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



73, 25.131, 242.486



81, 32.840, 244.468



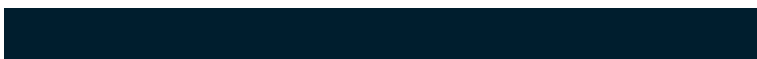
60, 44.238, 288.957



44, 3.609, 237.533



46, 39.197, 263.012



10, 14.305, 252.406

Previews

White Background



This preview shows how the CIELCh color 70, 32.242, 53.419 looks on a white background.

Color Contrast Check

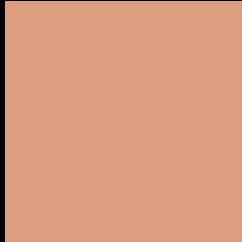
Large Text (above 18pt) WCAG AA × Fail

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 70, 32.242, 53.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

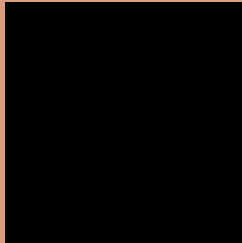
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 32.242, 53.419

Background



This preview shows how black text looks on a background with the CIELCh color 70, 32.242, 53.419.



This preview shows how white text looks on a background with the CIELCh color 70, 32.242, 53.419.

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, 32.242, 53.419

Protanopia

70, 22.287, 95.123

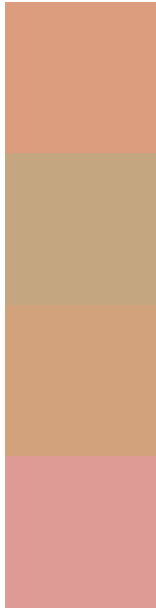
Deuteranopia

70, 27.656, 71.225



Tritanopia
70, 28.570, 10.301

Trichromacy



Original Color
70, 32.242, 53.419

Protanomaly
70, 23.920, 76.433

Deuteranomaly
70, 29.195, 64.865

Tritanomaly
70, 27.956, 27.463

Monochromacy



Original Color
70, 32.242, 53.419

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.931, 56.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 32.242, 53.419 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, 157, 125)` looks like.

```
.text, #text, p{  
    color:rgb(219, 157, 125)  
}
```

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, 157, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 157, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 32.242, 53.419 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, 157, 125) }
```

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

```
.border{ border-color:rgb(219, 157, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 157, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 157, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 157, 125);  
box-shadow:4px 4px 4px 4px rgb(219, 157,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 32.242, 53.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 157, 125) }
```

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

```
.background{ background-color: rgb(219,  
157, 125) }
```

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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