

Converting Colors

CIELCh(69, 33.518, 54.316)

Have a look what the booklet for
CIELCh(69, 33.518, 54.316) contains.

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Color

CIELCh(69, 33.481, 54.360)

Conversions

Conversions Part 1

Format	Color
Hex	D99A78
RGB	217, 154, 120
RGB Percent	85%, 60%, 47%
CMY	0.1480, 0.3951, 0.5285
CMYK	0.00, 0.29, 0.45, 0.15
HSL	21°, 56%, 66%
HSV	21°, 45%, 85%
XYZ	43.6932, 39.3444, 23.1339
YIQ	168.9610, 48.4620, 2.7820

Conversions

Conversions Part 2

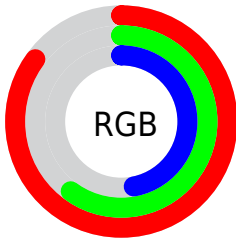
Format	Color
RYB	217, 172, 120
Decimal	14260856
CIELab	69.00, 19.51, 27.21
CIElCh	69, 33.481, 54.360
Yxy	39.3444, 0.4115, 0.3706
Android (android.graphics.Color)	4292450936 (0xFFD99A78)
YUV	168.9610, -24.1378, 42.1302
Hunter-Lab	62.7251, 14.5709, 22.0406

Details

The CIELCh color **69, 33.481, 54.360** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **72, 25.979, 244.306**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 26.450, 64.904**, and **49, 33.581, 54.666** is the 20% darker color. If you saturate the color by 10%, you get **65, 42.446, 53.778**, and if you desaturate by 10%, it is **73, 25.059, 55.030**.

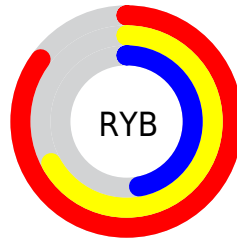
Distribution



Red (85%)

Green (60%)

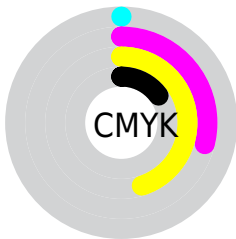
Blue (47%)



Red (85%)

Yellow (67%)

Blue (47%)

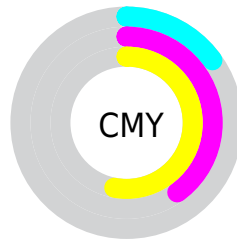


Cyan (0%)

Magenta (29%)

Yellow (45%)

Black (15%)



Cyan (15%)

Magenta (40%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 33.481, 54.360 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, 33.481, 54.360 by changing the saturation by 10% instead.

 69, 33.481, 54.360

 69, 33.481, 54.360

 100, 33.481,
54.360

 59, 33.481, 54.360

 89, 33.481, 54.360

 49, 33.481, 54.360

 99, 33.481, 54.360

 39, 33.481, 54.360

 29, 33.481, 54.360

 19, 33.481, 54.360

 9, 33.481, 54.360

 0, 33.481, 54.360

 69, 33.481, 54.360

 69, 33.481, 54.360

 65, 42.446, 53.778

 73, 25.059, 55.030

62, 51.864, 53.251

77, 17.195, 55.764

59, 61.480, 52.713

81, 9.866, 56.542

56, 70.705, 51.967

85, 3.028, 57.267

53, 78.388, 50.587

89, 3.368, 238.450

52, 81.810, 49.694

93, 9.370, 239.229

97, 12.035,
203.561

97, 12.686,
198.659

Harmonies

Complementary

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



69, 33.481, 54.360



72, 25.979, 244.306

Rectangle

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



69, 33.481, 54.360



69, 33.481, 104.360



69, 33.481, 234.360



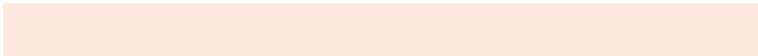
69, 33.481, 284.360

Sweetspot

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



69, 33.480, 54.365



94, 9.908, 56.664



63, 48.794, 340.069



49, 6.987, 56.489



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, 33.480, 54.365



76, 47.722, 53.787



81, 43.272, 98.208



44, 3.779, 56.948



42, 68.764, 50.258



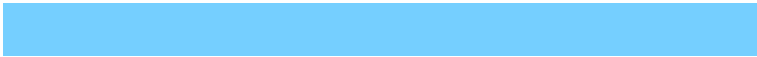
9, 19.128, 43.463

Inverse Universe

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



72, 25.979, 244.306



79, 34.647, 246.757



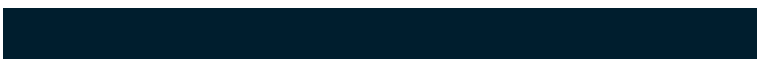
58, 46.827, 290.162



44, 3.615, 238.817



45, 39.931, 264.671



10, 14.479, 254.014

Previews

White Background



This preview shows how the CIELCh color 69, 33.481, 54.360 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, 33.481, 54.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

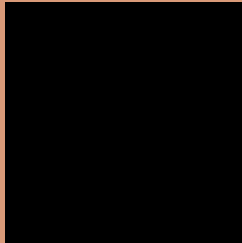
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 33.481, 54.360

Background



This preview shows how black text looks on a background with the CIELCh color 69, 33.481, 54.360.



This preview shows how white text looks on a background with the CIELCh color 69, 33.481, 54.360.

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, 33.481, 54.360

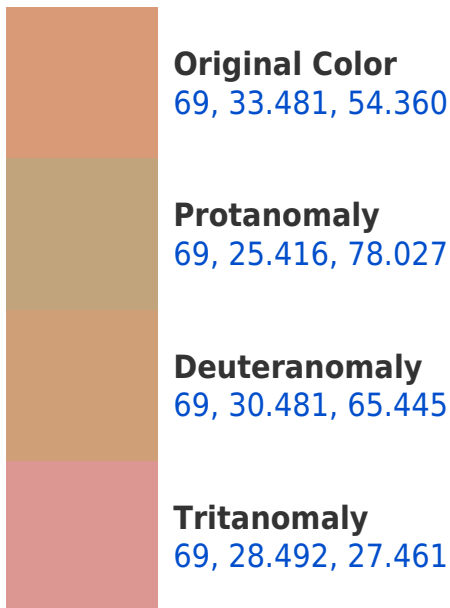
Protanopia
69, 23.916, 95.719

Deuteranopia
69, 29.101, 72.801



Tritanopia
69, 29.065, 10.575

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 33.481, 54.360 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(217, 154, 120)` looks like.

```
.text, #text, p{  
    color:rgb(217, 154, 120)  
}
```

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(217, 154, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 154, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 33.481, 54.360 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(217, 154, 120) }
```

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

```
.border{ border-color:rgb(217, 154, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 154, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 154, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 154, 120);  
box-shadow:4px 4px 4px 4px rgb(217, 154,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 33.481, 54.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 154, 120) }
```

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

```
.background{ background-color: rgb(217,  
154, 120) }
```

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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