

Converting Colors

CIELCh(69, 33.065, 65.182)

Have a look what the booklet for
CIELCh(69, 33.065, 65.182) contains.

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Color

CIELCh(69, 33.055, 64.934)

Conversions

Conversions Part 1

Format	Color
Hex	D29E73
RGB	210, 158, 115
RGB Percent	82%, 62%, 45%
CMY	0.1769, 0.3807, 0.5494
CMYK	0.00, 0.25, 0.45, 0.18
HSL	27°, 51%, 64%
HSV	27°, 45%, 82%
XYZ	41.8498, 39.3444, 21.5812
YIQ	168.6460, 44.7950, -2.3490

Conversions

Conversions Part 2

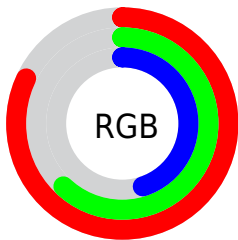
Format	Color
R_{YB}	210, 194, 115
Decimal	13803123
CIE _{Lab}	69.00, 14.00, 29.94
CIE _{LCh}	69, 33.055, 64.934
Yxy	39.3444, 0.4072, 0.3828
Android (android.graphics.Color)	4291993203 (0xFFD29E73)
YUV	168.6460, -26.4475, 36.2675
Hunter-Lab	62.7251, 9.3251, 23.5083

Details

The CIELCh color **69, 33.055, 64.934** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **66, 27.840, 258.070**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 29.474, 73.393**, and **49, 33.051, 65.615** is the 20% darker color. If you saturate the color by 10%, you get **66, 41.439, 63.815**, and if you desaturate by 10%, it is **72, 25.044, 66.069**.

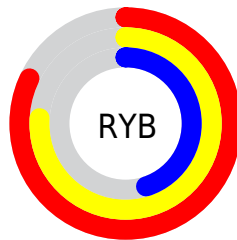
Distribution



Red (82%)

Green (62%)

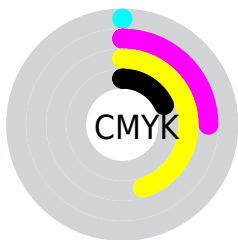
Blue (45%)



Red (82%)

Yellow (76%)

Blue (45%)

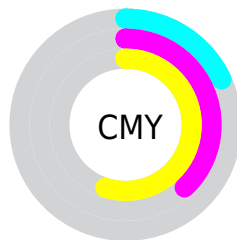


Cyan (0%)

Magenta (25%)

Yellow (45%)

Black (18%)



Cyan (18%)

Magenta (38%)

Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 33.055, 64.934 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, 33.055, 64.934 by changing the saturation by 10% instead.

 69, 33.055, 64.934

 69, 33.055, 64.934

 100, 33.055,
64.934

 59, 33.055, 64.934

 89, 33.055, 64.934

 49, 33.055, 64.934

 99, 33.055, 64.934

 39, 33.055, 64.934

 29, 33.055, 64.934

 19, 33.055, 64.934

 9, 33.055, 64.934

 0, 33.055, 64.934

 69, 33.055, 64.934

 69, 33.055, 64.934

 66, 41.439, 63.815

 72, 25.044, 66.069

63, 50.075, 62.667

76, 17.443, 67.207

60, 58.666, 61.413

79, 10.248, 68.341

57, 66.603, 59.863

82, 3.433, 69.408

55, 72.853, 57.659

86, 3.037, 250.804

54, 75.370, 56.516

89, 9.198, 251.825

93, 12.606,
242.233

96, 13.488,
210.060

97, 15.031,
198.505

Harmonies

Complementary

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



69, 33.055, 64.934



66, 27.840, 258.070

Rectangle

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



69, 33.055, 64.934



69, 33.055, 114.934



69, 33.055, 244.934



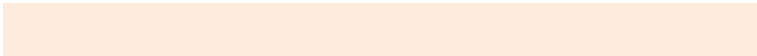
69, 33.055, 294.934

Sweetspot

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



69, 33.055, 64.939



94, 10.982, 68.464



61, 45.184, 345.407



49, 7.628, 68.219



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, 33.055, 64.939



79, 47.351, 63.888



81, 46.572, 103.543



42, 3.740, 68.987



44, 63.680, 57.147



8, 15.786, 52.808

Inverse Universe

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



66, 27.840, 258.070



75, 38.334, 260.690



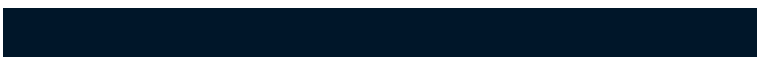
54, 51.982, 294.660



42, 3.633, 251.354



39, 47.759, 278.659



7, 15.192, 267.173

Previews

White Background



This preview shows how the CIELCh color 69, 33.055, 64.934 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, 33.055, 64.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

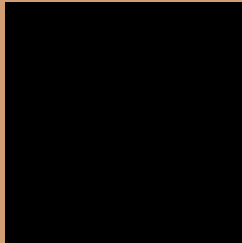
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 33.055, 64.934

Background



This preview shows how black text looks on a background with the CIELCh color 69, 33.055, 64.934.



This preview shows how white text looks on a background with the CIELCh color 69, 33.055, 64.934.

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, 33.055, 64.934

Protanopia
69, 27.686, 95.972

Deuteranopia
69, 31.513, 73.391



Tritanopia
69, 25.049, 8.155

Trichromacy



Original Color
69, 33.055, 64.934

Protanomaly
69, 28.205, 83.475

Deuteranomaly
69, 32.184, 70.436

Tritanomaly
69, 24.652, 31.647

Monochromacy



Original Color
69, 33.055, 64.934

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 11.618, 68.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 33.055, 64.934 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(210, 158, 115)` looks like.

```
.text, #text, p{  
    color:rgb(210, 158, 115)  
}
```

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(210, 158, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 158, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 33.055, 64.934 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(210, 158, 115) }
```

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

```
.border{ border-color:rgb(210, 158, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 158, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 158, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 158, 115);  
box-shadow:4px 4px 4px 4px rgb(210, 158,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 33.055, 64.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 158, 115) }
```

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

```
.background{ background-color: rgb(210,  
158, 115) }
```

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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