

Converting Colors

CIELCh(65, 4.039, 73.491)

Have a look what the booklet for
CIELCh(65, 4.039, 73.491) contains.

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Color

CIELCh(65, 4.049, 74.466)

Conversions

Conversions Part 1

Format	Color
Hex	A39D97
RGB	163, 157, 151
RGB Percent	64%, 62%, 59%
CMY	0.3615, 0.3850, 0.4086
CMYK	0.00, 0.04, 0.07, 0.36
HSL	30°, 6%, 61%
HSV	30°, 7%, 64%
XYZ	32.6633, 34.0472, 34.0509
YIQ	158.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

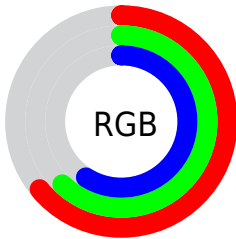
Format	Color
RYB	163, 163, 151
Decimal	10722711
CIELab	65.00, 1.08, 3.90
CIElCh	65, 4.049, 74.466
Yxy	34.0472, 0.3242, 0.3379
Android (android.graphics.Color)	4288912791 (0xFFA39D97)
YUV	158.1100, -3.5052, 4.2885
Hunter-Lab	58.3500, -2.1913, 6.2455

Details

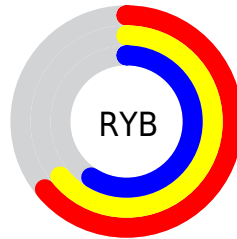
The CIELCh color $65, 4.049, 74.466$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 3.988, 256.448$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 4.261, 78.641$, and $45, 4.133, 78.949$ is the 20% darker color. If you saturate the color by 10%, you get $62, 9.771, 73.327$, and if you desaturate by 10%, it is $68, 1.424, 255.980$.

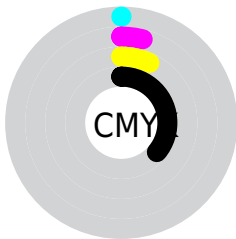
Distribution



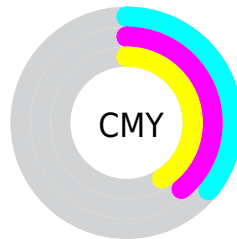
- Red (64%)
- Green (62%)
- Blue (59%)



- Red (64%)
- Yellow (64%)
- Blue (59%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (36%)



- Cyan (36%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 4.049, 74.466 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 65, 4.049, 74.466 by changing the saturation by 10% instead.

65, 4.049, 74.466

65, 4.049, 74.466

100, 4.049, 74.466

55, 4.049, 74.466

85, 4.049, 74.466

45, 4.049, 74.466

95, 4.049, 74.466

35, 4.049, 74.466

25, 4.049, 74.466

15, 4.049, 74.466

5, 4.049, 74.466

0, 4.049, 74.466

65, 4.049, 74.466

65, 4.049, 74.466

62, 9.771, 73.327

68, 1.424, 255.980

60, 15.759, 72.110

70, 6.674, 256.963

57, 22.024, 70.876

73, 11.723,
258.063

55, 28.558, 69.629

76, 16.594,
259.136

53, 35.313, 68.361

50, 42.164, 67.040

78, 21.307,
260.170

48, 48.840, 65.582

81, 25.881,
261.161

46, 54.827, 63.808

44, 59.538, 61.526

83, 26.241,
255.327

86, 24.618,
243.779

88, 24.059,
231.327

Harmonies

Complementary

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



65, 4.049, 74.466



64, 3.988, 256.448

Rectangle

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



65, 4.049, 74.466



65, 4.049, 124.466



65, 4.049, 254.466



65, 4.049, 304.466

Sweetspot

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



65, 4.050, 74.493



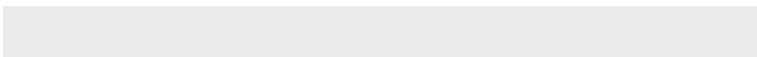
84, 1.340, 74.921



64, 5.727, 344.188



45, 0.767, 74.918



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 4.050, 74.493



82, 6.150, 74.292



67, 6.604, 109.477



33, 3.129, 74.281



39, 55.858, 61.392



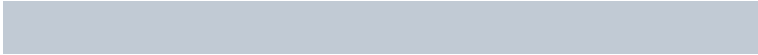
3, 4.648, 70.175

Inverse Universe

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



64, 3.988, 256.448



81, 6.025, 256.675



63, 6.722, 290.916



33, 3.064, 256.688



31, 46.644, 283.158



2, 4.975, 260.369

Previews

White Background



This preview shows how the CIELCh color 65, 4.049, 74.466 looks on a white background.

Color Contrast Check

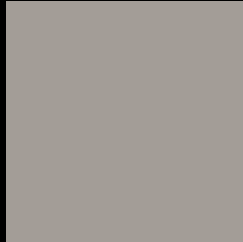
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 4.049, 74.466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

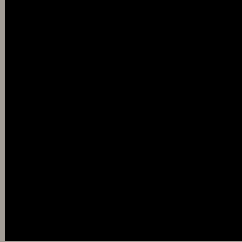
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

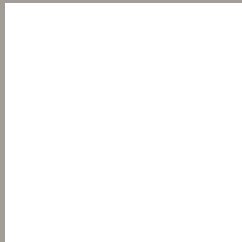
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 4.049, 74.466

Background



This preview shows how black text looks on a background with the CIELCh color 65, 4.049, 74.466.



This preview shows how white text looks on a background with the CIELCh color 65, 4.049, 74.466.

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


65, 4.049, 74.466

Protanopia

65, 3.837, 79.271

Deuteranopia

65, 9.064, 20.214



Tritanopia
65, 8.380, 320.500

Trichromacy



Original Color
65, 4.049, 74.466

Protanomaly
65, 3.837, 79.271

Deuteranomaly
65, 6.765, 29.340

Tritanomaly
65, 4.816, 335.979

Monochromacy



Original Color
65, 4.049, 74.466

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.819, 84.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 4.049, 74.466 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(163, 157, 151)` looks like.

```
.text, #text, p{  
    color:rgb(163, 157, 151)  
}
```

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(163, 157, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 157, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 4.049, 74.466 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(163, 157, 151) }
```

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

```
.border{ border-color:rgb(163, 157, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 157, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 157, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 157, 151); box-shadow:4px 4px 4px 4px rgb(163, 157, 151) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 4.049, 74.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 157, 151) }
```

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

```
.background{ background-color: rgb(163,  
157, 151) }
```

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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