

Converting Colors

CIELCh(69, 48.473, 54.451)

Have a look what the booklet for
CIELCh(69, 48.473, 54.451) contains.

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Color

CIELCh(69, 48.421, 54.500)

Conversions

Conversions Part 1

Format	Color
Hex	EA9362
RGB	234, 147, 98
RGB Percent	92%, 58%, 38%
CMY	0.0815, 0.4227, 0.6150
CMYK	0.00, 0.37, 0.58, 0.08
HSL	22°, 77%, 65%
HSV	22°, 58%, 92%
XYZ	46.6833, 39.3444, 16.7348
YIQ	167.4270, 67.5810, 3.2050

Conversions

Conversions Part 2

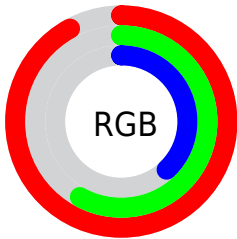
Format	Color
R_{YB}	234, 175, 98
Decimal	15373154
CIE _{Lab}	69.00, 28.12, 39.42
CIE _{LCh}	69, 48.421, 54.500
Yxy	39.3444, 0.4543, 0.3829
Android (android.graphics.Color)	4293563234 (0xFFEA9362)
YUV	167.4270, -34.2275, 58.3845
Hunter-Lab	62.7251, 23.0800, 28.0892

Details

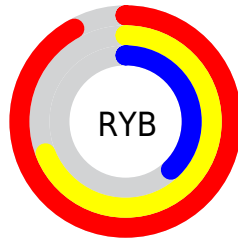
The CIELCh color **69, 48.421, 54.500** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **72, 34.599, 249.309**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 35.293, 69.740**, and **49, 48.153, 54.720** is the 20% darker color. If you saturate the color by 10%, you get **65, 58.488, 53.909**, and if you desaturate by 10%, it is **73, 38.745, 55.133**.

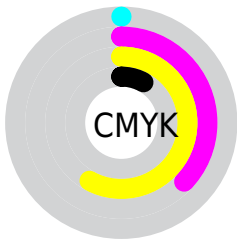
Distribution



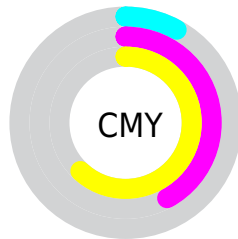
- Red (92%)
- Green (58%)
- Blue (38%)



- Red (92%)
- Yellow (69%)
- Blue (38%)



- Cyan (0%)
- Magenta (37%)
- Yellow (58%)
- Black (8%)



- Cyan (8%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 48.421, 54.500 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, 48.421, 54.500 by changing the saturation by 10% instead.

69, 48.421, 54.500

69, 48.421, 54.500

100, 48.421,
54.500

59, 48.421, 54.500

89, 48.421, 54.500

49, 48.421, 54.500

99, 48.421, 54.500

39, 48.421, 54.500

29, 48.421, 54.500

19, 48.421, 54.500

9, 48.421, 54.500

0, 48.421, 54.500

69, 48.421, 54.500

69, 48.421, 54.500

65, 58.488, 53.909

73, 38.745, 55.133

62, 68.571, 53.238

77, 29.616, 55.830

59, 77.836, 52.218

81, 21.071, 56.594

56, 84.979, 50.417

85, 13.096, 57.408

56, 86.240, 50.091

89, 5.654, 58.226

94, 1.307, 239.622

98, 6.263, 212.909

99, 7.111, 199.048

Harmonies

Complementary

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



69, 48.421, 54.500



72, 34.599, 249.309

Rectangle

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



69, 48.421, 54.500



69, 48.421, 104.500



69, 48.421, 234.500



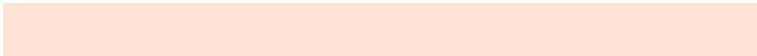
69, 48.421, 284.500

Sweetspot

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



69, 48.420, 54.504



92, 13.146, 57.491



62, 65.394, 341.570



48, 8.855, 57.324



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, 48.420, 54.504



70, 64.805, 53.772



85, 58.887, 96.635



47, 3.999, 58.117



44, 70.698, 50.708



11, 22.887, 46.728

Inverse Universe

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



72, 34.599, 249.309



73, 42.780, 253.497



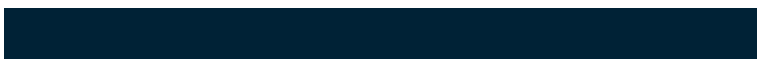
54, 66.405, 293.363



47, 3.829, 240.063



47, 42.086, 266.409



12, 16.403, 257.449

Previews

White Background



This preview shows how the CIELCh color 69, 48.421, 54.500 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, 48.421, 54.500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

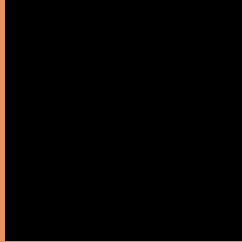
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 48.421, 54.500

Background



This preview shows how black text looks on a background with the CIELCh color 69, 48.421, 54.500.



This preview shows how white text looks on a background with the CIELCh color 69, 48.421, 54.500.

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





Tritanopia
69, 39.361, 15.762

Trichromacy



Original Color
69, 48.421, 54.500

Protanomaly
69, 36.683, 77.567

Deuteranomaly
69, 42.983, 68.426

Tritanomaly
69, 40.354, 31.547

Monochromacy



Original Color
69, 48.421, 54.500

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 16.135, 55.304

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 48.421, 54.500 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(234, 147, 98)` looks like.

```
.text, #text, p{  
    color:rgb(234, 147, 98)  
}
```

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(234, 147, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 147, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 48.421, 54.500 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(234, 147, 98) }
```

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

```
.border{ border-color:rgb(234, 147, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 147, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 147, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 147, 98);  
box-shadow:4px 4px 4px 4px rgb(234, 147,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 48.421, 54.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 147, 98) }
```

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

```
.background{ background-color: rgb(234,  
147, 98) }
```

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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