

Converting Colors

CIELCh(74, 44.120, 66.268)

Have a look what the booklet for
CIELCh(74, 44.120, 66.268) contains.

CIELCh(74, 44.120, 66.268)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 44.120, 66.268)

Conversions

Conversions Part 1

Format	Color
Hex	EAA86C
RGB	234, 168, 108
RGB Percent	92%, 66%, 42%
CMY	0.0814, 0.3403, 0.5757
CMYK	0.00, 0.28, 0.54, 0.08
HSL	29°, 75%, 67%
HSV	29°, 54%, 92%
XYZ	50.7696, 46.7039, 20.5829
YIQ	180.8940, 58.5960, -4.6680

Conversions

Conversions Part 2

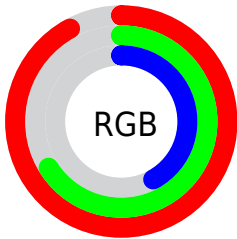
Format	Color
RYB	234, 223, 108
Decimal	15378540
CIELab	74.00, 17.76, 40.39
CIELCh	74, 44.120, 66.268
Yxy	46.7039, 0.4300, 0.3956
Android (android.graphics.Color)	4293568620 (0xFFEAA86C)
YUV	180.8940, -35.9367, 46.5740
Hunter-Lab	68.3403, 13.0110, 29.9811

Details

The CIELCh color **74, 44.120, 66.268** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **69, 36.720, 263.394**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 35.043, 85.935**, and **54, 43.924, 66.298** is the 20% darker color. If you saturate the color by 10%, you get **71, 53.428, 65.021**, and if you desaturate by 10%, it is **77, 35.053, 67.491**.

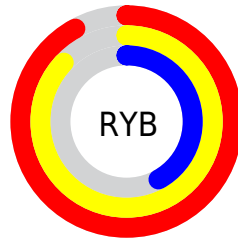
Distribution



Red (92%)

Green (66%)

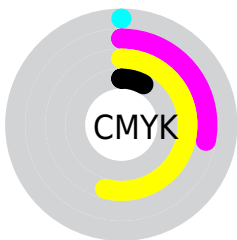
Blue (42%)



Red (92%)

Yellow (87%)

Blue (42%)

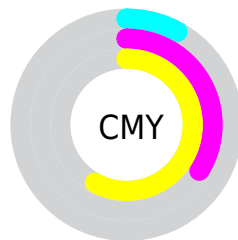


Cyan (0%)

Magenta (28%)

Yellow (54%)

Black (8%)



Cyan (8%)

Magenta (34%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 44.120, 66.268 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 74, 44.120, 66.268 by changing the saturation by 10% instead.

 74, 44.120, 66.268

 74, 44.120, 66.268

 100, 44.120,
66.268

 64, 44.120, 66.268

 94, 44.120, 66.268

 54, 44.120, 66.268

 44, 44.120, 66.268

 34, 44.120, 66.268

 24, 44.120, 66.268

 14, 44.120, 66.268

 4, 44.120, 66.268

 0, 44.120, 66.268

 74, 44.120, 66.268

 74, 44.120, 66.268

71, 53.428, 65.021

77, 35.053, 67.491

68, 62.666, 63.661

81, 26.360, 68.703

65, 71.190, 62.016

84, 18.084, 69.912

62, 77.915, 59.754

88, 10.220, 71.105

61, 81.061, 58.053

91, 2.743, 72.188

95, 4.382, 253.623

98, 6.807, 202.915

99, 7.107, 199.049

Harmonies

Complementary

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



74, 44.120, 66.268



69, 36.720, 263.394

Rectangle

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



74, 44.120, 66.268



74, 44.120, 116.268



74, 44.120, 246.268



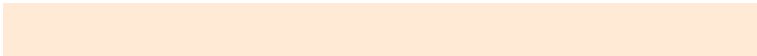
74, 44.120, 296.268

Sweetspot

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



74, 44.119, 66.272



94, 12.763, 70.837



63, 57.318, 347.608



49, 8.663, 70.591



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 44.119, 66.272



76, 58.463, 64.828



90, 60.561, 103.520



47, 4.164, 71.607



48, 66.575, 58.733



13, 22.197, 58.387

Inverse Universe

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



69, 36.720, 263.394



70, 46.841, 267.240



53, 70.108, 297.165



47, 4.058, 254.070



40, 53.150, 281.556



10, 19.748, 273.168

Previews

White Background



This preview shows how the CIELCh color 74, 44.120, 66.268 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 74, 44.120, 66.268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

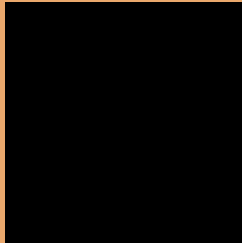
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 44.120, 66.268

Background



This preview shows how black text looks on a background with the CIELCh color 74, 44.120, 66.268.



This preview shows how white text looks on a background with the CIELCh color 74, 44.120, 66.268.

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
74, 31.467, 10.739

Trichromacy



Original Color
74, 44.120, 66.268

Protanomaly
74, 38.595, 83.726

Deuteranomaly
74, 42.644, 73.273

Tritanomaly
74, 31.584, 35.552

Monochromacy



Original Color
74, 44.120, 66.268

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 14.911, 69.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 44.120, 66.268 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, 168, 108)` looks like.

```
.text, #text, p{  
    color:rgb(234, 168, 108)  
}
```

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, 168, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 168, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 44.120, 66.268 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, 168, 108) }
```

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

```
.border{ border-color:rgb(234, 168, 108) }
```

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

Here you see how a box with a 4 pixel rgb(234, 168, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 168, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 168, 108);  
box-shadow:4px 4px 4px 4px rgb(234, 168,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 44.120, 66.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 168, 108) }
```

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

```
.background{ background-color: rgb(234,  
168, 108) }
```

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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