

Converting Colors

CIELCh(75, 38.538, 63.648)

Have a look what the booklet for
CIELCh(75, 38.538, 63.648) contains.

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Color

CIELCh(75, 38.458, 63.971)

Conversions

Conversions Part 1

Format	Color
Hex	EAAC7A
RGB	234, 172, 122
RGB Percent	92%, 67%, 48%
CMY	0.0833, 0.3263, 0.5224
CMYK	0.00, 0.27, 0.48, 0.08
HSL	27°, 73%, 70%
HSV	27°, 48%, 92%
XYZ	52.0683, 48.2781, 24.9211
YIQ	184.8380, 53.0020, -2.4060

Conversions

Conversions Part 2

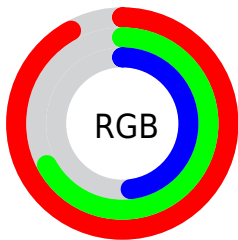
Format	Color
R _Y B	234, 212, 122
Decimal	15379578
CIE Lab	75.00, 16.88, 34.56
CIE LCh	75, 38.458, 63.971
Yxy	48.2781, 0.4157, 0.3854
Android (android.graphics.Color)	4293569658 (0xFFEAAAC7A)
YUV	184.8380, -30.9791, 43.1151
Hunter-Lab	69.4824, 12.1689, 27.3723

Details

The CIELCh color **75, 38.458, 63.971** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **72, 31.799, 258.083**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 29.035, 85.650**, and **55, 38.716, 64.324** is the 20% darker color. If you saturate the color by 10%, you get **72, 47.733, 62.869**, and if you desaturate by 10%, it is **79, 29.578, 65.087**.

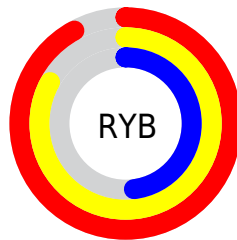
Distribution



Red (92%)

Green (67%)

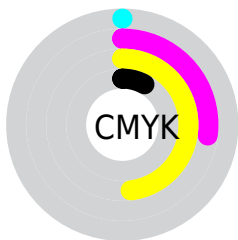
Blue (48%)



Red (92%)

Yellow (83%)

Blue (48%)

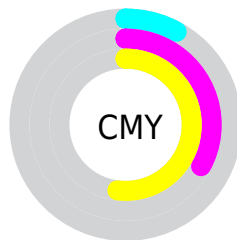


Cyan (0%)

Magenta (27%)

Yellow (48%)

Black (8%)



Cyan (8%)

Magenta (33%)

Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 38.458, 63.971 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 75, 38.458, 63.971 by changing the saturation by 10% instead.

 75, 38.458, 63.971

 75, 38.458, 63.971

 100, 38.458,
63.971

 65, 38.458, 63.971

 95, 38.458, 63.971

 55, 38.458, 63.971

 45, 38.458, 63.971

 35, 38.458, 63.971

 25, 38.458, 63.971

 15, 38.458, 63.971

 5, 38.458, 63.971

 0, 38.458, 63.971

 75, 38.458, 63.971

 75, 38.458, 63.971

72, 47.733, 62.869

79, 29.578, 65.087

68, 57.226, 61.724

82, 21.155, 66.211

65, 66.529, 60.432

86, 13.190, 67.339

62, 74.822, 58.747

90, 5.658, 68.436

60, 80.960, 56.305

93, 1.477, 249.964

59, 82.136, 55.793

97, 6.017, 227.519

99, 7.264, 199.037

Harmonies

Complementary

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



75, 38.458, 63.971



72, 31.799, 258.083

Rectangle

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



75, 38.458, 63.971



75, 38.458, 113.971



75, 38.458, 243.971



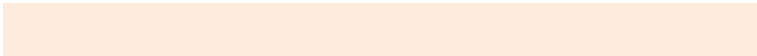
75, 38.458, 293.971

Sweetspot

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



75, 38.457, 63.976



94, 10.953, 67.767



66, 52.488, 344.840



49, 7.608, 67.526



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 38.457, 63.976



78, 50.346, 62.939



89, 52.813, 102.421



47, 4.100, 68.270



47, 67.520, 56.462



12, 22.283, 55.262

Inverse Universe

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



72, 31.799, 258.083



74, 39.956, 260.862



58, 59.269, 294.602



47, 3.977, 250.645



42, 50.029, 278.221



10, 18.771, 269.593

Previews

White Background



This preview shows how the CIELCh color 75, 38.458, 63.971 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 75, 38.458, 63.971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

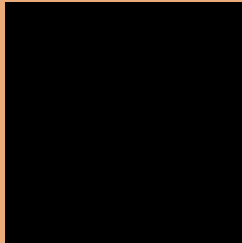
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 38.458, 63.971

Background



This preview shows how black text looks on a background with the CIELCh color 75, 38.458, 63.971.



This preview shows how white text looks on a background with the CIELCh color 75, 38.458, 63.971.

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

75, 38.458, 63.971

Protanopia

75, 31.547, 95.770

Deuteranopia

75, 36.015, 75.067



Tritanopia
75, 29.364, 9.636

Trichromacy



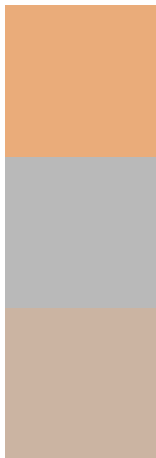
Original Color
75, 38.458, 63.971

Protanomaly
75, 32.576, 82.836

Deuteranomaly
75, 36.762, 71.009

Tritanomaly
75, 29.024, 32.305

Monochromacy



Original Color
75, 38.458, 63.971

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 13.317, 66.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 38.458, 63.971 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, 172, 122)` looks like.

```
.text, #text, p{  
    color:rgb(234, 172, 122)  
}
```

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, 172, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 172, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 38.458, 63.971 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, 172, 122) }
```

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

```
.border{ border-color:rgb(234, 172, 122) }
```

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

Here you see how a box with a 4 pixel rgb(234, 172, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 172, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 172, 122);  
box-shadow:4px 4px 4px 4px rgb(234, 172,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 38.458, 63.971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 172, 122) }
```

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

```
.background{ background-color: rgb(234,  
172, 122) }
```

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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