

Converting Colors

CIELCh(75, 37.586, 63.051)

Have a look what the booklet for
CIELCh(75, 37.586, 63.051) contains.

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Color

CIELCh(75, 37.636, 63.031)

Conversions

Conversions Part 1

Format	Color
Hex	EAAC7C
RGB	234, 172, 124
RGB Percent	92%, 67%, 49%
CMY	0.0836, 0.3266, 0.5148
CMYK	0.00, 0.27, 0.47, 0.08
HSL	26°, 72%, 70%
HSV	26°, 47%, 92%
XYZ	52.1416, 48.2781, 25.5460
YIQ	185.0660, 52.3600, -1.7840

Conversions

Conversions Part 2

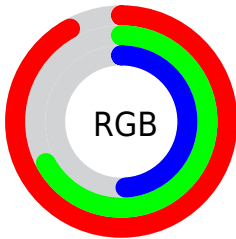
Format	Color
RYB	234, 209, 124
Decimal	15379580
CIELab	75.00, 17.07, 33.54
CIELCh	75, 37.636, 63.031
Yxy	48.2781, 0.4139, 0.3833
Android (android.graphics.Color)	4293569660 (0xFFEAAC7C)
YUV	185.0660, -30.1055, 42.9151
Hunter-Lab	69.4824, 12.3572, 26.8391

Details

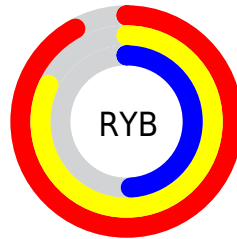
The CIELCh color **75, 37.636, 63.031** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **73, 30.947, 256.589**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 28.080, 84.996**, and **55, 37.847, 63.419** is the 20% darker color. If you saturate the color by 10%, you get **72, 46.915, 61.975**, and if you desaturate by 10%, it is **79, 28.780, 64.109**.

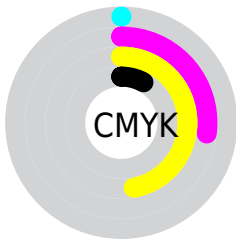
Distribution



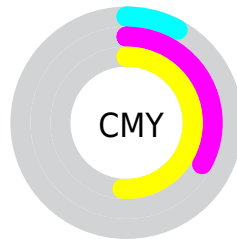
- Red (92%)
- Green (67%)
- Blue (49%)



- Red (92%)
- Yellow (82%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (47%)
- Black (8%)



- Cyan (8%)
- Magenta (33%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 37.636, 63.031 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, 37.636, 63.031 by changing the saturation by 10% instead.

 75, 37.636, 63.031

 75, 37.636, 63.031

 100, 37.636,
63.031

 65, 37.636, 63.031

 95, 37.636, 63.031

 55, 37.636, 63.031

 45, 37.636, 63.031

 35, 37.636, 63.031

 25, 37.636, 63.031

 15, 37.636, 63.031

 5, 37.636, 63.031

 0, 37.636, 63.031

 75, 37.636, 63.031

 75, 37.636, 63.031

72, 46.915, 61.975

79, 28.780, 64.109

68, 56.458, 60.889

82, 20.398, 65.201

65, 65.888, 59.676

86, 12.487, 66.299

62, 74.427, 58.101

90, 5.017, 67.362

60, 80.872, 55.771

94, 2.049, 248.797

59, 82.542, 55.059

97, 6.186, 219.889

99, 7.295, 199.035

Harmonies

Complementary

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



75, 37.636, 63.031



73, 30.947, 256.589

Rectangle

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



75, 37.636, 63.031



75, 37.636, 113.031



75, 37.636, 243.031



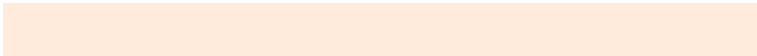
75, 37.636, 293.031

Sweetspot

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



75, 37.635, 63.036



94, 10.908, 66.625



66, 51.615, 344.733



49, 7.578, 66.389



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, 37.635, 63.036



78, 49.324, 62.059



89, 51.925, 102.506



47, 4.082, 67.116



46, 67.862, 55.724



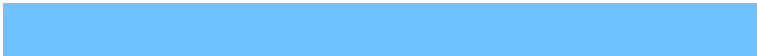
12, 22.327, 54.219

Inverse Universe

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



73, 30.947, 256.589



75, 38.855, 259.264



58, 58.106, 294.424



47, 3.953, 249.454



43, 49.010, 277.011



11, 18.457, 268.313

Previews

White Background



This preview shows how the CIELCh color 75, 37.636, 63.031 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 75, 37.636, 63.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

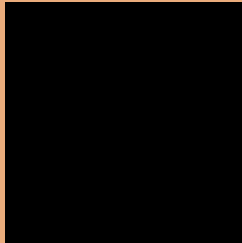
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 37.636, 63.031

Background



This preview shows how black text looks on a background with the CIELCh color 75, 37.636, 63.031.



This preview shows how white text looks on a background with the CIELCh color 75, 37.636, 63.031.

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, 37.636, 63.031

Protanopia

75, 30.521, 95.517

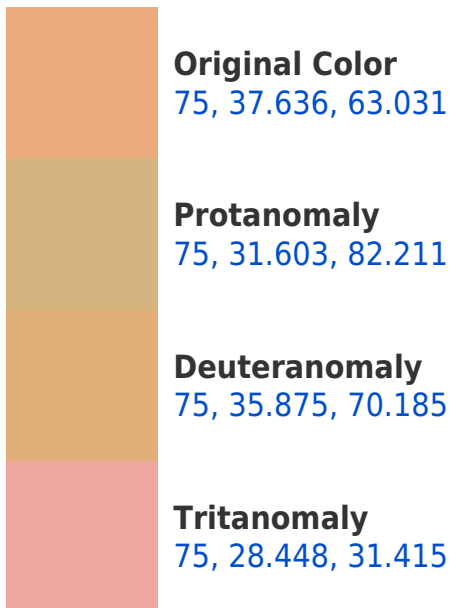
Deuteranopia

75, 35.096, 74.324



Tritanopia
75, 28.978, 9.422

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 37.636, 63.031 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(234, 172, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 172, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 37.636, 63.031 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, 124) }
```

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

```
.border{ border-color:rgb(234, 172, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 172, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 172, 124);  
box-shadow:4px 4px 4px 4px rgb(234, 172,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 37.636, 63.031 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, 124) }
```

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

```
.background{ background-color: rgb(234,  
172, 124) }
```

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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