

Converting Colors

CIELCh(73, 37.744, 64.005)

Have a look what the booklet for
CIELCh(73, 37.744, 64.005) contains.

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Color

CIELCh(73, 37.665, 64.281)

Conversions

Conversions Part 1

Format	Color
Hex	E3A776
RGB	227, 167, 118
RGB Percent	89%, 65%, 46%
CMY	0.1107, 0.3458, 0.5380
CMYK	0.00, 0.26, 0.48, 0.11
HSL	27°, 66%, 68%
HSV	27°, 48%, 89%
XYZ	48.6516, 45.1644, 23.2345
YIQ	179.3540, 51.4890, -2.5190

Conversions

Conversions Part 2

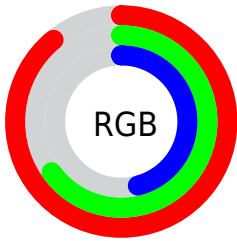
Format	Color
R_{YB}	227, 207, 118
Decimal	14919542
CIE Lab	73.00, 16.35, 33.93
CIE LCh	73, 37.665, 64.281
Yxy	45.1644, 0.4156, 0.3859
Android (android.graphics.Color)	4293109622 (0xFFE3A776)
YUV	179.3540, -30.2475, 41.7855
Hunter-Lab	67.2044, 11.6143, 26.5449

Details

The CIELCh color **73, 37.665, 64.281** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **70, 31.226, 258.489**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 29.556, 81.692**, and **53, 37.495, 64.185** is the 20% darker color. If you saturate the color by 10%, you get **70, 46.705, 63.167**, and if you desaturate by 10%, it is **76, 29.003, 65.407**.

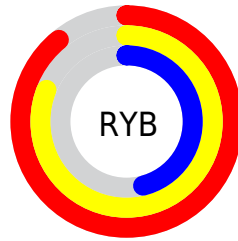
Distribution



Red (89%)

Green (65%)

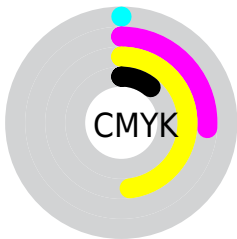
Blue (46%)



Red (89%)

Yellow (81%)

Blue (46%)

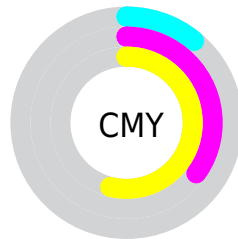


Cyan (0%)

Magenta (26%)

Yellow (48%)

Black (11%)



Cyan (11%)

Magenta (35%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 37.665, 64.281 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 73, 37.665, 64.281 by changing the saturation by 10% instead.

 73, 37.665, 64.281

 73, 37.665, 64.281

 100, 37.665,
64.281

 63, 37.665, 64.281

 93, 37.665, 64.281

 53, 37.665, 64.281

 43, 37.665, 64.281

 33, 37.665, 64.281

 23, 37.665, 64.281

 13, 37.665, 64.281

 3, 37.665, 64.281

 0, 37.665, 64.281

 73, 37.665, 64.281

 73, 37.665, 64.281

70, 46.705, 63.167

76, 29.003, 65.407

67, 55.950, 62.009

80, 20.780, 66.539

64, 64.997, 60.700

84, 13.000, 67.673

61, 73.050, 58.999

87, 5.638, 68.777

58, 79.030, 56.560

91, 1.340, 250.330

58, 80.111, 56.094

95, 7.974, 251.172

98, 9.307, 201.477

98, 9.586, 198.869

Harmonies

Complementary

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



73, 37.665, 64.281



70, 31.226, 258.489

Rectangle

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



73, 37.665, 64.281



73, 37.665, 114.281



73, 37.665, 244.281



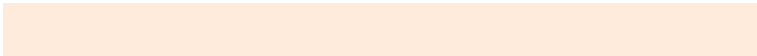
73, 37.665, 294.281

Sweetspot

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



73, 37.664, 64.286



94, 10.967, 68.118



64, 51.370, 344.849



49, 7.617, 67.875



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 37.664, 64.286



78, 51.362, 63.130



86, 51.688, 102.414



45, 3.959, 68.630



45, 65.966, 56.779



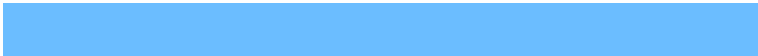
11, 19.732, 54.615

Inverse Universe

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



70, 31.226, 258.489



74, 40.743, 261.578



56, 58.020, 294.616



45, 3.842, 251.004



41, 49.199, 278.477



9, 17.438, 268.769

Previews

White Background



This preview shows how the CIELCh color 73, 37.665, 64.281 looks on a white background.

Color Contrast Check

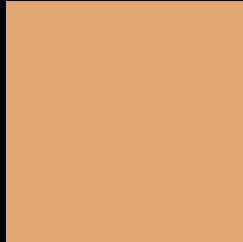
Large Text (above 18pt) WCAG AA × Fail

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 73, 37.665, 64.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

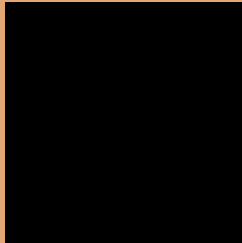
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 37.665, 64.281

Background



This preview shows how black text looks on a background with the CIELCh color 73, 37.665, 64.281.




This preview shows how white text looks on a background with the CIELCh color 73, 37.665, 64.281.

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](#).

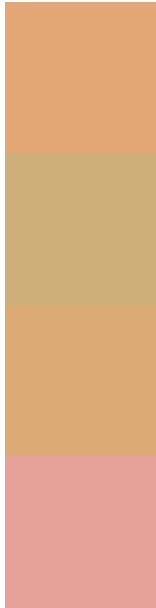
Dichromacy





Tritanopia
73, 28.749, 9.295

Trichromacy



Original Color
73, 37.665, 64.281

Protanomaly
73, 32.074, 83.085

Deuteranomaly
73, 36.270, 70.999

Tritanomaly
73, 28.402, 32.594

Monochromacy



Original Color
73, 37.665, 64.281

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 12.852, 68.804

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 37.665, 64.281 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(227, 167, 118)` looks like.

```
.text, #text, p{  
    color:rgb(227, 167, 118)  
}
```

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(227, 167, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 167, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 37.665, 64.281 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(227, 167, 118) }
```

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

```
.border{ border-color:rgb(227, 167, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 167, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 167, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 167, 118); box-shadow:4px 4px 4px 4px rgb(227, 167, 118) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 37.665, 64.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 167, 118) }
```

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

```
.background{ background-color: rgb(227,  
167, 118) }
```

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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