

Converting Colors

CIELCh(73, 37.032, 57.944)

Have a look what the booklet for
CIELCh(73, 37.032, 57.944) contains.

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Color

CIELCh(73, 36.968, 58.163)

Conversions

Conversions Part 1

Format	Color
Hex	E7A57B
RGB	231, 165, 123
RGB Percent	91%, 65%, 48%
CMY	0.0954, 0.3541, 0.5187
CMYK	0.00, 0.29, 0.47, 0.10
HSL	23°, 69%, 69%
HSV	23°, 47%, 90%
XYZ	49.8123, 45.1644, 24.7399
YIQ	179.9460, 52.8180, 0.9300

Conversions

Conversions Part 2

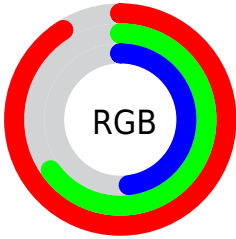
Format	Color
R _Y B	231, 192, 123
Decimal	15181179
CIE Lab	73.00, 19.50, 31.41
CIE LCh	73, 36.968, 58.163
Yxy	45.1644, 0.4161, 0.3773
Android (android.graphics.Color)	4293371259 (0xFFE7A57B)
YUV	179.9460, -28.0744, 44.7744
Hunter-Lab	67.2044, 14.6973, 25.2167

Details

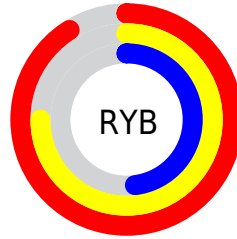
The CIELCh color **73, 36.968, 58.163** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **74, 29.169, 250.237**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 26.783, 77.255**, and **53, 36.841, 57.893** is the 20% darker color. If you saturate the color by 10%, you get **69, 46.327, 57.356**, and if you desaturate by 10%, it is **77, 28.112, 59.027**.

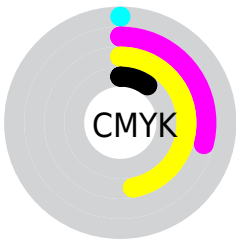
Distribution



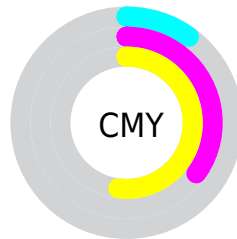
- Red (91%)
- Green (65%)
- Blue (48%)



- Red (91%)
- Yellow (75%)
- Blue (48%)



- Cyan (0%)
- Magenta (29%)
- Yellow (47%)
- Black (10%)



- Cyan (10%)
- Magenta (35%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 36.968, 58.163 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, 36.968, 58.163 by changing the saturation by 10% instead.

73, 36.968, 58.163

73, 36.968, 58.163

100, 36.968,
58.163

63, 36.968, 58.163

93, 36.968, 58.163

53, 36.968, 58.163

43, 36.968, 58.163

33, 36.968, 58.163

23, 36.968, 58.163

13, 36.968, 58.163

3, 36.968, 58.163

0, 36.968, 58.163

73, 36.968, 58.163

73, 36.968, 58.163

69, 46.327, 57.356

77, 28.112, 59.027

66, 56.055, 56.559

81, 19.796, 59.932

63, 65.808, 55.679

85, 12.005, 60.867

60, 74.839, 54.477

89, 4.703, 61.780

57, 81.881, 52.517

93, 2.157, 243.111

56, 83.867, 51.867

97, 6.929, 224.130

98, 8.295, 198.961

Harmonies

Complementary

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



73, 36.968, 58.163



74, 29.169, 250.237

Rectangle

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



73, 36.968, 58.163



73, 36.968, 108.163



73, 36.968, 238.163



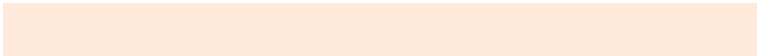
73, 36.968, 288.163

Sweetspot

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



73, 36.967, 58.168



94, 10.756, 61.123



66, 52.380, 341.999



49, 7.478, 60.919



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, 36.967, 58.168



76, 49.468, 57.395



86, 48.925, 99.869



46, 3.946, 61.550



44, 68.839, 52.516



11, 21.365, 48.857

Inverse Universe

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



74, 29.169, 250.237



77, 36.907, 252.879



59, 53.882, 292.224



46, 3.795, 243.662



44, 44.012, 270.657



11, 16.487, 261.196

Previews

White Background



This preview shows how the CIELCh color 73, 36.968, 58.163 looks on a white background.

Color Contrast Check

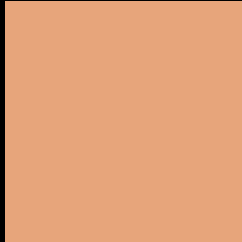
Large Text (above 18pt) WCAG AA × Fail

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 73, 36.968, 58.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

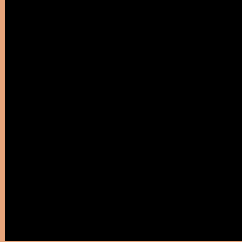
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 36.968, 58.163

Background



This preview shows how black text looks on a background with the CIELCh color 73, 36.968, 58.163.



This preview shows how white text looks on a background with the CIELCh color 73, 36.968, 58.163.

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, 30.757, 10.388

Trichromacy



Original Color
73, 36.968, 58.163

Protanomaly
73, 29.113, 79.162

Deuteranomaly
73, 34.252, 67.242

Tritanomaly
73, 30.064, 29.155

Monochromacy



Original Color
73, 36.968, 58.163

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 12.536, 60.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 36.968, 58.163 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(231, 165, 123)` looks like.

```
.text, #text, p{  
    color:rgb(231, 165, 123)  
}
```

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(231, 165, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 165, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 36.968, 58.163 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(231, 165, 123) }
```

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

```
.border{ border-color:rgb(231, 165, 123) }
```

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

Here you see how a box with a 4 pixel rgb(231, 165, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 165, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 165, 123);  
box-shadow:4px 4px 4px 4px rgb(231, 165,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 36.968, 58.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 165, 123) }
```

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

```
.background{ background-color: rgb(231,  
165, 123) }
```

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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