

Converting Colors

CIELCh(70, 37.351, 45.172)

Have a look what the booklet for
CIELCh(70, 37.351, 45.172) contains.

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Color

CIELCh(70, 37.387, 45.643)

Conversions

Conversions Part 1

Format	Color
Hex	E6987C
RGB	230, 152, 124
RGB Percent	90%, 60%, 49%
CMY	0.0979, 0.4038, 0.5136
CMYK	0.00, 0.34, 0.46, 0.10
HSL	16°, 68%, 69%
HSV	16°, 46%, 90%
XYZ	47.5155, 40.7494, 24.4384
YIQ	172.1300, 55.4760, 7.8280

Conversions

Conversions Part 2

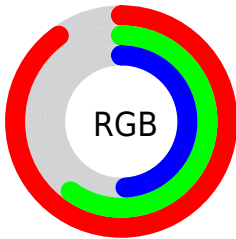
Format	Color
R _Y B	230, 162, 124
Decimal	15112316
CIE Lab	70.00, 26.14, 26.73
CIE LCh	70, 37.387, 45.643
Yxy	40.7494, 0.4216, 0.3616
Android (android.graphics.Color)	4293302396 (0xFFE6987C)
YUV	172.1300, -23.7281, 50.7520
Hunter-Lab	63.8353, 21.1539, 21.9863

Details

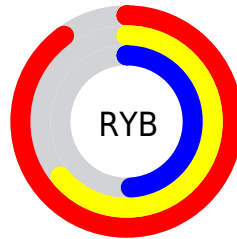
The CIELCh color **70, 37.387, 45.643** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **77, 27.136, 231.932**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 24.828, 59.085**, and **50, 37.558, 45.113** is the 20% darker color. If you saturate the color by 10%, you get **66, 47.303, 45.697**, and if you desaturate by 10%, it is **74, 28.114, 45.755**.

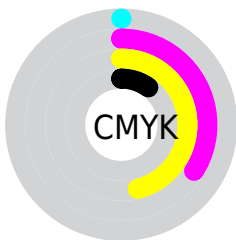
Distribution



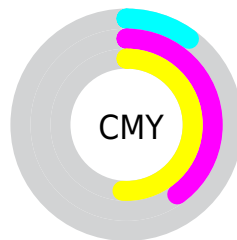
- Red (90%)
- Green (60%)
- Blue (49%)



- Red (90%)
- Yellow (64%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (46%)
- Black (10%)



- Cyan (10%)
- Magenta (40%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 37.387, 45.643 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 70, 37.387, 45.643 by changing the saturation by 10% instead.

 70, 37.387, 45.643

 70, 37.387, 45.643

 100, 37.387,
45.643

 60, 37.387, 45.643

 90, 37.387, 45.643

 50, 37.387, 45.643

 40, 37.387, 45.643

 30, 37.387, 45.643

 20, 37.387, 45.643

 10, 37.387, 45.643

 0, 37.387, 45.643

 70, 37.387, 45.643

 70, 37.387, 45.643

 66, 47.303, 45.697

 74, 28.114, 45.755

62, 57.749, 45.898

79, 19.512, 45.998

58, 68.419, 46.174

84, 11.556, 46.342

55, 78.598, 46.285

88, 4.201, 46.705

53, 86.836, 45.686

93, 2.612, 227.579

52, 89.563, 45.401

98, 8.046, 204.139

98, 8.511, 198.945

Harmonies

Complementary

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



70, 37.387, 45.643



77, 27.136, 231.932

Rectangle

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



70, 37.387, 45.643



70, 37.387, 95.643



70, 37.387, 225.643



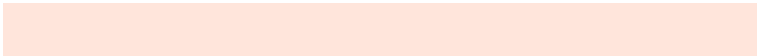
70, 37.387, 275.643

Sweetspot

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



70, 37.386, 45.648



93, 10.850, 46.419



66, 56.170, 335.638



48, 7.555, 46.336



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 37.386, 45.648



73, 50.287, 45.688



83, 42.897, 91.462



46, 3.968, 46.595



41, 73.636, 45.899



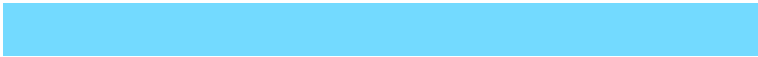
9, 22.743, 37.768

Inverse Universe

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



77, 27.136, 231.932



82, 33.737, 233.763



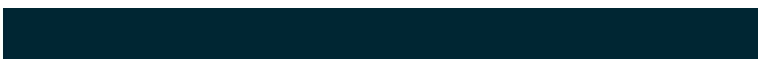
63, 44.686, 285.021



47, 3.757, 227.799



51, 35.573, 249.020



13, 14.317, 240.536

Previews

White Background



This preview shows how the CIELCh color 70, 37.387, 45.643 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 70, 37.387, 45.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

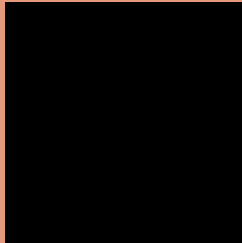
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 37.387, 45.643

Background



This preview shows how black text looks on a background with the CIELCh color 70, 37.387, 45.643.

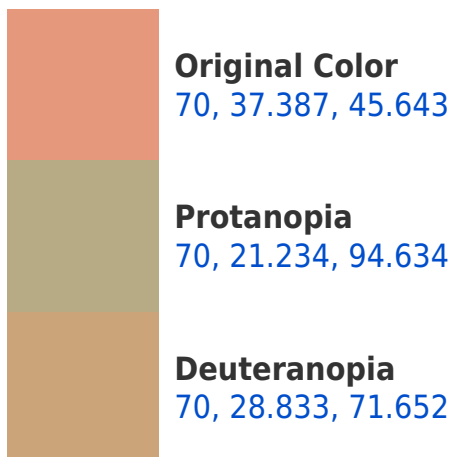


This preview shows how white text looks on a background with the CIELCh color 70, 37.387, 45.643.

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](#).

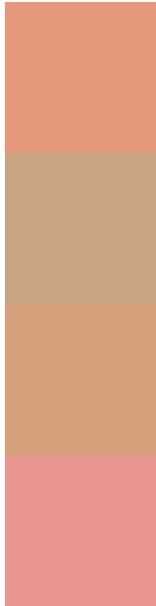
Dichromacy





Tritanopia
70, 34.688, 13.188

Trichromacy



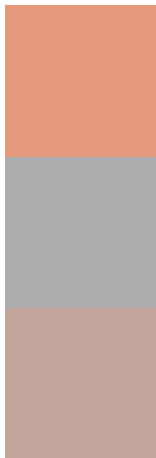
Original Color
70, 37.387, 45.643

Protanomaly
70, 24.143, 69.597

Deuteranomaly
70, 30.809, 60.906

Tritanomaly
70, 34.178, 25.362

Monochromacy



Original Color
70, 37.387, 45.643

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 12.440, 46.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 37.387, 45.643 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(230, 152, 124)` looks like.

```
.text, #text, p{  
    color:rgb(230, 152, 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(230, 152, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 152, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 37.387, 45.643 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(230, 152, 124) }
```

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

```
.border{ border-color:rgb(230, 152, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 152, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 152, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 152, 124);  
box-shadow:4px 4px 4px 4px rgb(230, 152,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 37.387, 45.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 152, 124) }
```

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

```
.background{ background-color: rgb(230,  
152, 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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