

Converting Colors

CIELCh(71, 35.919, 47.534)

Have a look what the booklet for
CIELCh(71, 35.919, 47.534) contains.

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Color

CIELCh(71, 35.882, 47.356)

Conversions

Conversions Part 1

Format	Color
Hex	E69C7F
RGB	230, 156, 127
RGB Percent	90%, 61%, 50%
CMY	0.0976, 0.3878, 0.5016
CMYK	0.00, 0.32, 0.45, 0.10
HSL	17°, 67%, 70%
HSV	17°, 45%, 90%
XYZ	48.4119, 42.1875, 25.7033
YIQ	174.8200, 53.4130, 6.6690

Conversions

Conversions Part 2

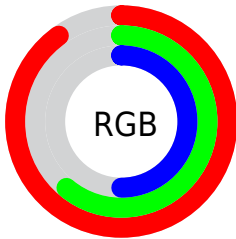
Format	Color
R _Y B	230, 167, 127
Decimal	15113343
CIE Lab	71.00, 24.31, 26.39
CIE LCh	71, 35.882, 47.356
Yxy	42.1875, 0.4163, 0.3627
Android (android.graphics.Color)	4293303423 (0xFFE69C7F)
YUV	174.8200, -23.5753, 48.3929
Hunter-Lab	64.9519, 19.3792, 22.0036

Details

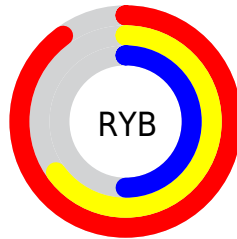
The CIELCh color **71, 35.882, 47.356** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **77, 26.566, 234.286**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 23.859, 62.382**, and **51, 35.854, 46.801** is the 20% darker color. If you saturate the color by 10%, you get **67, 45.628, 47.257**, and if you desaturate by 10%, it is **75, 26.775, 47.603**.

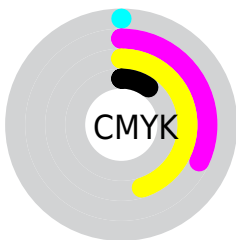
Distribution



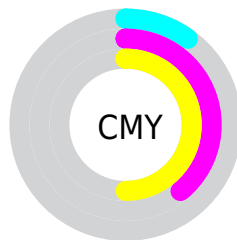
- Red (90%)
- Green (61%)
- Blue (50%)



- Red (90%)
- Yellow (65%)
- Blue (50%)



- Cyan (0%)
- Magenta (32%)
- Yellow (45%)
- Black (10%)



- Cyan (10%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 35.882, 47.356 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 71, 35.882, 47.356 by changing the saturation by 10% instead.

71, 35.882, 47.356

71, 35.882, 47.356

100, 35.882,
47.356

61, 35.882, 47.356

91, 35.882, 47.356

51, 35.882, 47.356

41, 35.882, 47.356

31, 35.882, 47.356

21, 35.882, 47.356

11, 35.882, 47.356

1, 35.882, 47.356

0, 35.882, 47.356

71, 35.882, 47.356

71, 35.882, 47.356

67, 45.628, 47.257

75, 26.775, 47.603

63, 55.918, 47.288

80, 18.325, 47.963

59, 66.482, 47.386

84, 10.503, 48.409

56, 76.681, 47.343

89, 3.261, 48.832

54, 85.189, 46.669

94, 3.459, 229.769

53, 88.799, 46.130

98, 8.484, 198.947

Harmonies

Complementary

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



71, 35.882, 47.356



77, 26.566, 234.286

Rectangle

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



71, 35.882, 47.356



71, 35.882, 97.356



71, 35.882, 227.356



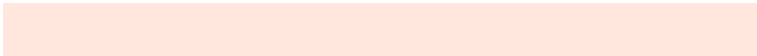
71, 35.882, 277.356

Sweetspot

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



71, 35.881, 47.361



93, 9.983, 48.489



67, 54.098, 336.245



49, 7.047, 48.384



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 35.881, 47.361



74, 48.811, 47.259



83, 42.274, 92.813



46, 3.949, 48.658



41, 72.983, 46.654



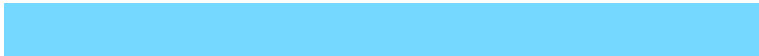
9, 22.514, 39.139

Inverse Universe

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



77, 26.566, 234.286



82, 33.422, 236.257



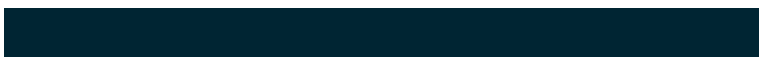
64, 44.289, 285.723



46, 3.745, 230.010



50, 36.409, 252.470



13, 14.503, 243.660

Previews

White Background



This preview shows how the CIELCh color 71, 35.882, 47.356 looks on a white background.

Color Contrast Check

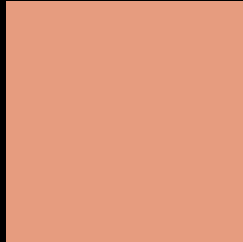
Large Text (above 18pt) WCAG AA × Fail

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 71, 35.882, 47.356 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 71, 35.882, 47.356

Background



This preview shows how black text looks on a background with the CIELCh color 71, 35.882, 47.356.



This preview shows how white text looks on a background with the CIELCh color 71, 35.882, 47.356.

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

71, 35.882, 47.356

Protanopia

71, 21.692, 94.937

Deuteranopia

71, 28.720, 71.723



Tritanopia
71, 32.964, 11.496

Trichromacy



Original Color
71, 35.882, 47.356

Protanomaly
71, 24.220, 71.118

Deuteranomaly
71, 30.344, 61.475

Tritanomaly
71, 32.332, 25.271

Monochromacy



Original Color
71, 35.882, 47.356

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 12.026, 46.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 35.882, 47.356 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, 156, 127)` looks like.

```
.text, #text, p{  
    color:rgb(230, 156, 127)  
}
```

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, 156, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 156, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 35.882, 47.356 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, 156, 127) }
```

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

```
.border{ border-color:rgb(230, 156, 127) }
```

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

Here you see how a box with a 4 pixel rgb(230, 156, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 156, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 156, 127);  
box-shadow:4px 4px 4px 4px rgb(230, 156,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 35.882, 47.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 156, 127) }
```

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

```
.background{ background-color: rgb(230,  
156, 127) }
```

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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