

Converting Colors

CIELCh(82, 74.399, 36.560)

Have a look what the booklet for
CIELCh(82, 74.399, 36.560) contains.

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Color

CIELCh(73, 47.523, 41.140)

Conversions

Conversions Part 1

Format	Color
Hex	FF987C
RGB	255, 152, 124
RGB Percent	100%, 60%, 49%
CMY	0.0001, 0.4039, 0.5138
CMYK	0.00, 0.40, 0.51, 0.00
HSL	13°, 100%, 74%
HSV	13°, 51%, 100%
XYZ	56.0978, 45.1644, 24.8257
YIQ	179.6050, 70.3760, 13.1280

Conversions

Conversions Part 2

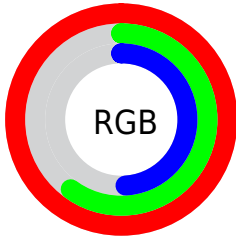
Format	Color
R _Y B	255, 160, 124
Decimal	16750716
CIE Lab	73.00, 35.79, 31.27
CIE LCh	73, 47.523, 41.140
Yxy	45.1644, 0.4449, 0.3582
Android (android.graphics.Color)	4294940796 (0xFFFF987C)
YUV	179.6050, -27.4133, 66.1214
Hunter-Lab	67.2044, 31.3923, 25.1411

Details

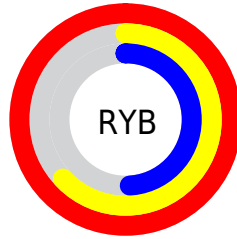
The CIELCh color **73, 47.523, 41.140** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **85, 32.127, 225.261**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 24.828, 59.085**, and **53, 47.341, 40.711** is the 20% darker color. If you saturate the color by 10%, you get **68, 58.951, 41.724**, and if you desaturate by 10%, it is **78, 36.749, 40.785**.

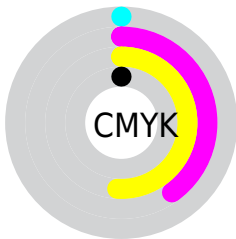
Distribution



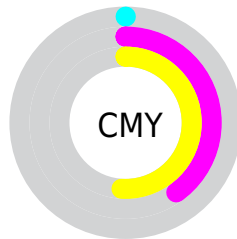
- Red (100%)
- Green (60%)
- Blue (49%)



- Red (100%)
- Yellow (63%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (51%)
- Black (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 47.523, 41.140 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, 47.523, 41.140 by changing the saturation by 10% instead.

73, 47.523, 41.140

73, 47.523, 41.140

100, 47.523,
41.140

63, 47.523, 41.140

93, 47.523, 41.140

53, 47.523, 41.140

43, 47.523, 41.140

33, 47.523, 41.140

23, 47.523, 41.140

13, 47.523, 41.140

3, 47.523, 41.140

0, 47.523, 41.140

73, 47.523, 41.140

73, 47.523, 41.140

68, 58.951, 41.724

78, 36.749, 40.785

64, 70.800, 42.500

83, 26.724, 40.626

61, 82.506, 43.321

88, 17.456, 40.627

58, 92.809, 43.748

94, 8.910, 40.736

56, 99.306, 43.447

99, 1.031, 40.424

100, 0.012,
270.322

Harmonies

Complementary

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



73, 47.523, 41.140



85, 32.127, 225.261

Rectangle

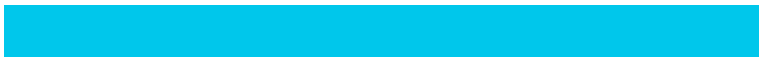
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 47.523, 41.140



73, 47.523, 91.140



73, 47.523, 221.140



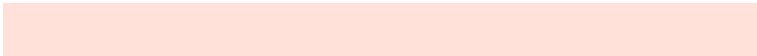
73, 47.523, 271.140

Sweetspot

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



73, 47.521, 41.144



92, 11.929, 40.689



70, 69.561, 334.002



48, 8.211, 40.664



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, 47.521, 41.144



68, 59.688, 41.768



88, 50.011, 86.922



50, 4.420, 40.760



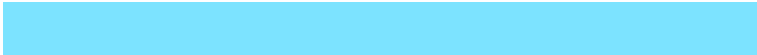
42, 79.522, 43.880



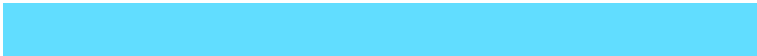
12, 29.777, 37.978

Inverse Universe

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



85, 32.127, 225.261



83, 36.478, 227.195



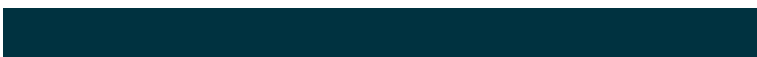
68, 51.016, 283.173



52, 4.167, 221.519



58, 35.686, 238.673



19, 16.203, 233.062

Previews

White Background



This preview shows how the CIELCh color 73, 47.523, 41.140 looks on a white background.

Color Contrast Check

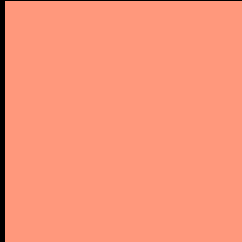
Large Text (above 18pt) WCAG AA × Fail

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, 47.523, 41.140 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, 47.523, 41.140

Background



This preview shows how black text looks on a background with the CIELCh color 73, 47.523, 41.140.

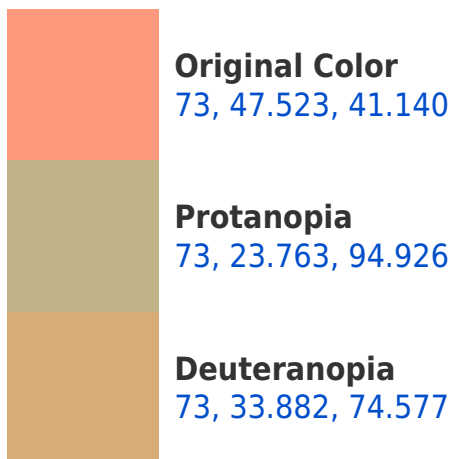


This preview shows how white text looks on a background with the CIELCh color 73, 47.523, 41.140.

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, 42.586, 16.604

Trichromacy



Original Color
73, 47.523, 41.140

Protanomaly
73, 28.189, 64.952

Deuteranomaly
73, 37.398, 59.631

Tritanomaly
73, 43.395, 26.320

Monochromacy



Original Color
73, 47.523, 41.140

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 15.736, 40.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 47.523, 41.140 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(255, 152, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 152, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 47.523, 41.140 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(255, 152, 124) }
```

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

```
.border{ border-color:rgb(255, 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(255, 152, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 47.523, 41.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 124) }
```

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

```
.background{ background-color: rgb(255,  
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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