

Converting Colors

CIELCh(71, 47.534, 36.969)

Have a look what the booklet for
CIELCh(71, 47.534, 36.969) contains.

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Color

CIELCh(71, 47.435, 37.021)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FB917C |
| RGB | 251, 145, 124 |
| RGB Percent | 98%, 57%, 49% |
| CMY | 0.0159, 0.4315, 0.5139 |
| CMYK | 0.00, 0.42, 0.51, 0.02 |
| HSL | 10°, 94%, 74% |
| HSV | 10°, 51%, 98% |
| XYZ | 53.5152, 42.1875, 24.3750 |
| YIQ | 174.3000, 69.9170, 15.9410 |

Conversions

Conversions Part 2

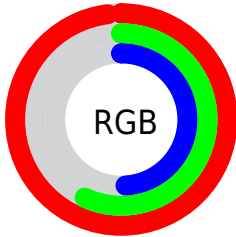
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 251, 149, 124 |
| Decimal | 16486780 |
| CIE Lab | 71.00, 37.87, 28.56 |
| CIE LCh | 71, 47.435, 37.021 |
| Yxy | 42.1875, 0.4457, 0.3513 |
| Android (android.graphics.Color) | 4294676860 (0xFFFB917C) |
| YUV | 174.3000, -24.7979, 67.2659 |
| Hunter-Lab | 64.9519, 33.4040, 23.2161 |

Details

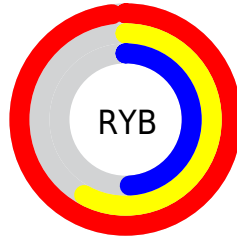
The CIELCh color **71, 47.435, 37.021** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 31.929, 217.972**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 25.091, 49.172**, and **51, 47.477, 37.179** is the 20% darker color. If you saturate the color by 10%, you get **66, 58.936, 38.018**, and if you desaturate by 10%, it is **76, 36.563, 36.317**.

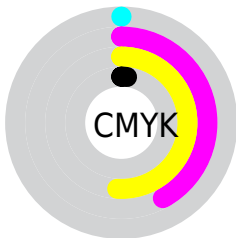
Distribution



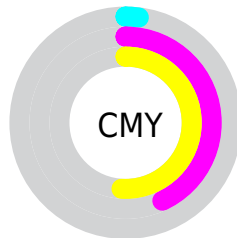
- Red (98%)
- Green (57%)
- Blue (49%)



- Red (98%)
- Yellow (58%)
- Blue (49%)



- Cyan (0%)
- Magenta (42%)
- Yellow (51%)
- Black (2%)



- Cyan (2%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 47.435, 37.021 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, 47.435, 37.021 by changing the saturation by 10% instead.

71, 47.435, 37.021

71, 47.435, 37.021

100, 47.435,
37.021

61, 47.435, 37.021

91, 47.435, 37.021

51, 47.435, 37.021

41, 47.435, 37.021

31, 47.435, 37.021

21, 47.435, 37.021

11, 47.435, 37.021

1, 47.435, 37.021

0, 47.435, 37.021

71, 47.435, 37.021

71, 47.435, 37.021

66, 58.936, 38.018

76, 36.563, 36.317

62, 70.826, 39.290

81, 26.429, 35.854

59, 82.568, 40.710

87, 17.055, 35.585

56, 92.961, 41.842

92, 8.416, 35.446

54, 99.929, 42.147

98, 0.459, 34.122

100, 1.410,
199.786

Harmonies

Complementary

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



71, 47.435, 37.021



86, 31.929, 217.972

Rectangle

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



71, 47.435, 37.021



71, 47.435, 87.021



71, 47.435, 217.021



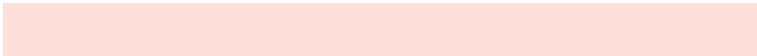
71, 47.435, 267.021

Sweetspot

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



71, 47.433, 37.025



91, 12.285, 35.497



70, 70.087, 332.014



47, 8.456, 35.526



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, 47.433, 37.025



67, 60.189, 38.069



85, 46.996, 82.937



49, 4.475, 35.434



41, 80.251, 42.499



11, 29.235, 34.627

Inverse Universe

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



86, 31.929, 217.972



85, 36.592, 219.287



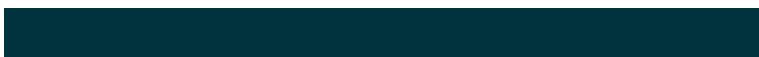
69, 46.255, 279.311



51, 4.210, 215.751



60, 34.720, 228.055



19, 15.743, 223.535

Previews

White Background



This preview shows how the CIELCh color 71, 47.435, 37.021 looks on a white background.

Color Contrast Check

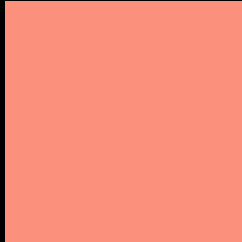
Large Text (above 18pt) WCAG AA × Fail

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, 47.435, 37.021 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, 47.435, 37.021

Background



This preview shows how black text looks on a background with the CIELCh color 71, 47.435, 37.021.



This preview shows how white text looks on a background with the CIELCh color 71, 47.435, 37.021.

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, 47.435, 37.021

Protanopia

71, 20.545, 95.530

Deuteranopia

71, 31.269, 73.548



Tritanopia
71, 45.375, 17.502

Trichromacy



Original Color
71, 47.435, 37.021



Protanomaly
70, 25.980, 60.516



Deuteranomaly
71, 35.419, 56.170



Tritanomaly
71, 45.520, 24.655

Monochromacy



Original Color
71, 47.435, 37.021



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 16.080, 34.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 47.435, 37.021 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(251, 145, 124)` looks like.

```
.text, #text, p{  
    color:rgb(251, 145, 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(251, 145, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 145, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 47.435, 37.021 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(251, 145, 124) }
```

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

```
.border{ border-color:rgb(251, 145, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 145, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 145, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 145, 124); box-shadow:4px 4px 4px 4px rgb(251, 145, 124) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 47.435, 37.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 145, 124) }
```

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

```
.background{ background-color: rgb(251,  
145, 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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