

Converting Colors

CIELCh(77, 47.909, 71.255)

Have a look what the booklet for
CIELCh(77, 47.909, 71.255) contains.

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Color

CIELCh(77, 47.852, 71.540)

Conversions

Conversions Part 1

Format	Color
Hex	F1B26A
RGB	241, 178, 106
RGB Percent	95%, 70%, 42%
CMY	0.0553, 0.3023, 0.5846
CMYK	0.00, 0.26, 0.56, 0.06
HSL	32°, 83%, 68%
HSV	32°, 56%, 94%
XYZ	54.7460, 51.5317, 20.6754
YIQ	188.6290, 60.6600, -9.0360

Conversions

Conversions Part 2

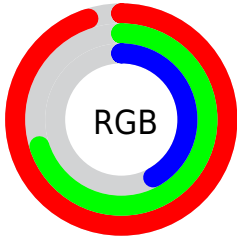
Format	Color
RYB	224, 241, 106
Decimal	15839850
CIELab	77.00, 15.15, 45.39
CIELCh	77, 47.852, 71.540
Yxy	51.5317, 0.4312, 0.4059
Android (android.graphics.Color)	4294029930 (0xFFFF1B26A)
YUV	188.6290, -40.7361, 45.9294
Hunter-Lab	71.7856, 10.5050, 33.1735

Details

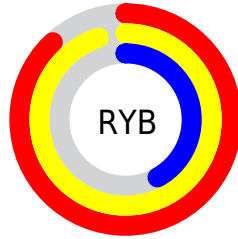
The CIELCh color **77, 47.852, 71.540** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **68, 42.136, 270.420**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 39.157, 94.690**, and **57, 47.876, 71.107** is the 20% darker color. If you saturate the color by 10%, you get **74, 57.117, 70.092**, and if you desaturate by 10%, it is **80, 38.624, 72.926**.

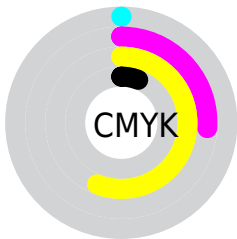
Distribution



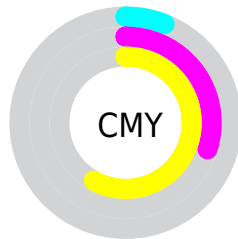
- Red (95%)
- Green (70%)
- Blue (42%)



- Red (88%)
- Yellow (95%)
- Blue (42%)



- Cyan (0%)
- Magenta (26%)
- Yellow (56%)
- Black (6%)



- Cyan (6%)
- Magenta (30%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 47.852, 71.540 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 77, 47.852, 71.540 by changing the saturation by 10% instead.

77, 47.852, 71.540

77, 47.852, 71.540

100, 47.852,
71.540

67, 47.852, 71.540

97, 47.852, 71.540

57, 47.852, 71.540

47, 47.852, 71.540

37, 47.852, 71.540

27, 47.852, 71.540

17, 47.852, 71.540

7, 47.852, 71.540

0, 47.852, 71.540

77, 47.852, 71.540

77, 47.852, 71.540

74, 57.117, 70.092

80, 38.624, 72.926

71, 66.000, 68.480

83, 29.636, 74.273

69, 73.719, 66.521

86, 20.969, 75.595

66, 79.165, 63.895

90, 12.645, 76.887

65, 80.855, 62.742

93, 4.657, 78.111

96, 3.019, 259.568

99, 4.854, 199.234

Harmonies

Complementary

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



77, 47.852, 71.540



68, 42.136, 270.420

Rectangle

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



77, 47.852, 71.540



77, 47.852, 121.540



77, 47.852, 251.540



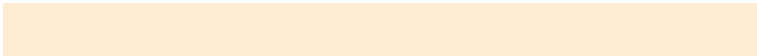
77, 47.852, 301.540

Sweetspot

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



77, 47.852, 71.544



94, 14.072, 76.757



63, 58.793, 352.226



49, 9.452, 76.499



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 47.852, 71.544



78, 60.749, 69.914



92, 66.041, 106.515



48, 4.402, 77.706



51, 65.772, 63.431



14, 23.463, 64.741

Inverse Universe

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



68, 42.136, 270.420



66, 52.547, 274.219



52, 77.758, 299.566



48, 4.327, 260.267



38, 60.252, 287.156



9, 22.674, 279.753

Previews

White Background



This preview shows how the CIELCh color 77, 47.852, 71.540 looks on a white background.

Color Contrast Check

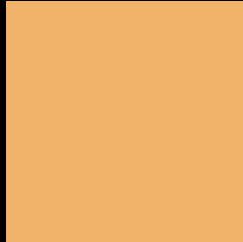
Large Text (above 18pt) WCAG AA × Fail

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 77, 47.852, 71.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

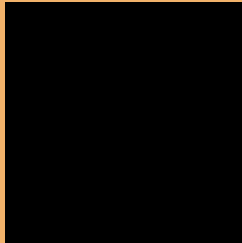
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 47.852, 71.540

Background



This preview shows how black text looks on a background with the CIELCh color 77, 47.852, 71.540.



This preview shows how white text looks on a background with the CIELCh color 77, 47.852, 71.540.

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

77, 47.852, 71.540

Protanopia

77, 43.180, 95.947

Deuteranopia

77, 46.863, 78.076



Tritanopia
77, 30.825, 9.394

Trichromacy



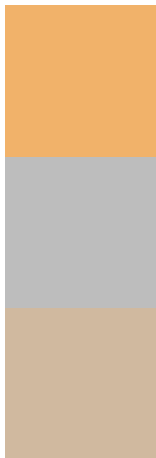
Original Color
77, 47.852, 71.540

Protanomaly
77, 43.537, 86.082

Deuteranomaly
77, 47.399, 76.029

Tritanomaly
77, 31.664, 39.154

Monochromacy



Original Color
77, 47.852, 71.540

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 16.719, 75.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 47.852, 71.540 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(241, 178, 106)` looks like.

```
.text, #text, p{  
    color:rgb(241, 178, 106)  
}
```

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(241, 178, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 178, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 47.852, 71.540 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(241, 178, 106) }
```

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

```
.border{ border-color:rgb(241, 178, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 178, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 178, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 178, 106);  
box-shadow:4px 4px 4px 4px rgb(241, 178,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 47.852, 71.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 178, 106) }
```

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

```
.background{ background-color: rgb(241,  
178, 106) }
```

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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