

Converting Colors

CIELCh(81, 48.519, 70.943)

Have a look what the booklet for
CIELCh(81, 48.519, 70.943) contains.

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Color

CIELCh(81, 48.572, 70.915)

Conversions

Conversions Part 1

Format	Color
Hex	FEBC73
RGB	254, 188, 115
RGB Percent	100%, 74%, 45%
CMY	0.0026, 0.2616, 0.5479
CMYK	0.00, 0.26, 0.55, 0.00
HSL	32°, 99%, 72%
HSV	32°, 55%, 100%
XYZ	62.1517, 58.4711, 24.3149
YIQ	199.4120, 62.7690, -8.7110

Conversions

Conversions Part 2

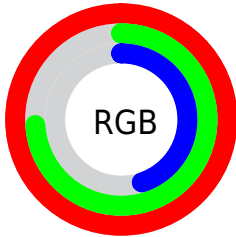
Format	Color
R _Y B	241, 254, 115
Decimal	16694387
CIE Lab	81.00, 15.88, 45.90
CIE LCh	81, 48.572, 70.915
Yxy	58.4711, 0.4288, 0.4034
Android (android.graphics.Color)	4294884467 (0xFFFEBC73)
YUV	199.4120, -41.6151, 47.8737
Hunter-Lab	76.4664, 11.2681, 34.6733

Details

The CIELCh color **81, 48.572, 70.915** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **72, 42.498, 269.190**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 38.671, 100.718**, and **61, 48.740, 71.265** is the 20% darker color. If you saturate the color by 10%, you get **78, 58.301, 69.494**, and if you desaturate by 10%, it is **84, 38.941, 72.282**.

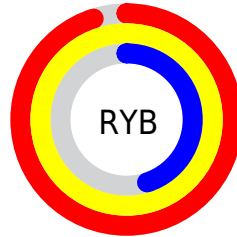
Distribution



Red (100%)

Green (74%)

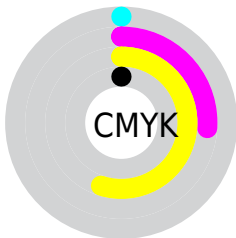
Blue (45%)



Red (95%)

Yellow (100%)

Blue (45%)

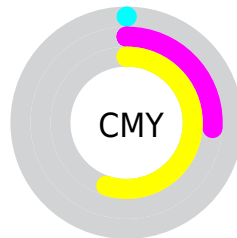


Cyan (0%)

Magenta (26%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 48.572, 70.915 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 81, 48.572, 70.915 by changing the saturation by 10% instead.

 81, 48.572, 70.915

 81, 48.572, 70.915

 100, 48.572,
70.915

 71, 48.572, 70.915

 61, 48.572, 70.915

 51, 48.572, 70.915

 41, 48.572, 70.915

 31, 48.572, 70.915

 21, 48.572, 70.915

 11, 48.572, 70.915

 1, 48.572, 70.915

 0, 48.572, 70.915

81, 48.572, 70.915

81, 48.572, 70.915

78, 58.301, 69.494

84, 38.941, 72.282

75, 67.726, 67.925

88, 29.595, 73.616

72, 76.081, 66.034

91, 20.607, 74.927

69, 82.207, 63.504

95, 11.991, 76.209

68, 84.545, 61.910

98, 3.733, 77.401

100, 0.232,
202.244

Harmonies

Complementary

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



81, 48.572, 70.915



72, 42.498, 269.190

Rectangle

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



81, 48.572, 70.915



81, 48.572, 120.915



81, 48.572, 250.915



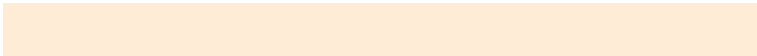
81, 48.572, 300.915

Sweetspot

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



81, 48.572, 70.919



94, 13.142, 76.041



67, 60.564, 350.920



50, 8.913, 75.779



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 48.572, 70.919



78, 59.710, 69.296



97, 67.497, 105.806



51, 4.604, 76.849



52, 68.027, 62.606



16, 27.023, 64.350

Inverse Universe

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



72, 42.498, 269.190



67, 51.127, 273.010



55, 79.139, 298.950



50, 4.519, 259.418



40, 61.297, 286.556



11, 24.835, 280.204

Previews

White Background



This preview shows how the CIELCh color 81, 48.572, 70.915 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 81, 48.572, 70.915 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 81, 48.572, 70.915

Background



This preview shows how black text looks on a background with the CIELCh color 81, 48.572, 70.915.



This preview shows how white text looks on a background with the CIELCh color 81, 48.572, 70.915.

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

81, 48.572, 70.915

Protanopia

81, 43.312, 96.275

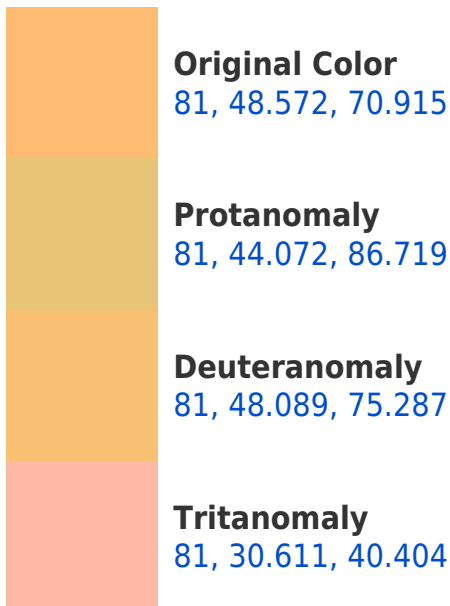
Deuteranopia

81, 47.537, 77.272



Tritanopia
81, 28.470, 9.139

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 48.572, 70.915 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(254, 188, 115)` looks like.

```
.text, #text, p{  
    color:rgb(254, 188, 115)  
}
```

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(254, 188, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 188, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 48.572, 70.915 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(254, 188, 115) }
```

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

```
.border{ border-color:rgb(254, 188, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 188, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 188, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 188, 115);  
box-shadow:4px 4px 4px 4px rgb(254, 188,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 48.572, 70.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 188, 115) }
```

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

```
.background{ background-color: rgb(254,  
188, 115) }
```

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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