

Converting Colors

CIELCh(82, 50.057, 82.868)

Have a look what the booklet for
CIELCh(82, 50.057, 82.868) contains.

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Color

CIELCh(82, 49.730, 82.695)

Conversions

Conversions Part 1

Format	Color
Hex	F3C56E
RGB	243, 197, 110
RGB Percent	95%, 77%, 43%
CMY	0.0459, 0.2263, 0.5676
CMYK	0.00, 0.19, 0.55, 0.05
HSL	39°, 85%, 69%
HSV	39°, 55%, 95%
XYZ	59.9241, 60.2982, 23.3072
YIQ	200.8360, 55.3430, -17.3050

Conversions

Conversions Part 2

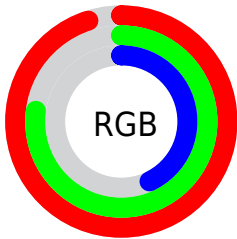
Format	Color
RYB	180, 243, 110
Decimal	15975790
CIELab	82.00, 6.32, 49.33
CIELCh	82, 49.730, 82.695
Yxy	60.2982, 0.4175, 0.4201
Android (android.graphics.Color)	4294165870 (0xFFFF3C56E)
YUV	200.8360, -44.7821, 36.9778
Hunter-Lab	77.6519, 1.8578, 36.5605

Details

The CIELCh color **82, 49.730, 82.695** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **65, 49.188, 280.739**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 45.018, 105.716**, and **62, 49.558, 82.367** is the 20% darker color. If you saturate the color by 10%, you get **80, 58.771, 81.177**, and if you desaturate by 10%, it is **84, 40.422, 84.149**.

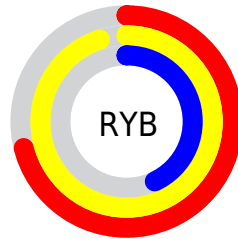
Distribution



Red (95%)

Green (77%)

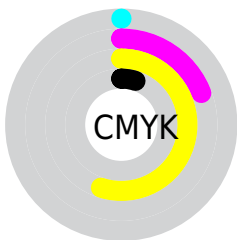
Blue (43%)



Red (71%)

Yellow (95%)

Blue (43%)

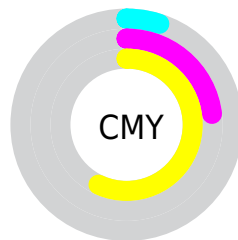


Cyan (0%)

Magenta (19%)

Yellow (55%)

Black (5%)



Cyan (5%)

Magenta (23%)

Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 49.730, 82.695 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 82, 49.730, 82.695 by changing the saturation by 10% instead.

 82, 49.730, 82.695

 82, 49.730, 82.695

 100, 49.730,
82.695

 72, 49.730, 82.695

 62, 49.730, 82.695

 52, 49.730, 82.695

 42, 49.730, 82.695

 32, 49.730, 82.695

 22, 49.730, 82.695

 12, 49.730, 82.695

 2, 49.730, 82.695

 0, 49.730, 82.695

82, 49.730, 82.695

82, 49.730, 82.695

80, 58.771, 81.177

84, 40.422, 84.149

77, 67.074, 79.528

87, 31.102, 85.551

75, 73.872, 77.635

89, 21.900, 86.910

73, 78.208, 75.305

92, 12.876, 88.224

72, 79.612, 73.894

95, 4.050, 89.454

97, 3.983, 267.648

99, 4.039, 199.313

Harmonies

Complementary

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



82, 49.730, 82.695



65, 49.188, 280.739

Rectangle

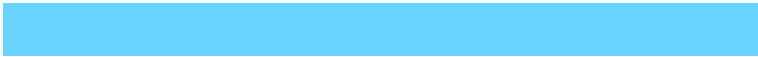
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 49.730, 82.695



82, 49.730, 132.695



82, 49.730, 262.695



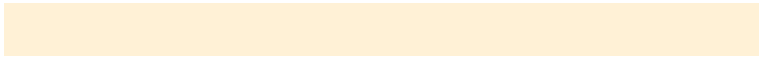
82, 49.730, 312.695

Sweetspot

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



82, 49.730, 82.699



96, 14.602, 88.048



64, 55.581, 0.109



50, 9.883, 87.780



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 49.730, 82.699



83, 62.241, 80.942



92, 65.673, 112.115



50, 4.978, 88.881



56, 65.123, 74.440



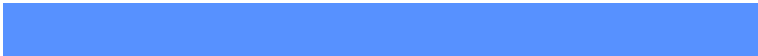
17, 25.609, 77.205

Inverse Universe

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



65, 49.188, 280.739



61, 62.352, 284.287



55, 76.180, 302.104



48, 4.969, 271.399



32, 75.714, 295.904



7, 28.880, 289.945

Previews

White Background



This preview shows how the CIELCh color 82, 49.730, 82.695 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 82, 49.730, 82.695 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 82, 49.730, 82.695

Background



This preview shows how black text looks on a background with the CIELCh color 82, 49.730, 82.695.



This preview shows how white text looks on a background with the CIELCh color 82, 49.730, 82.695.

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](#).

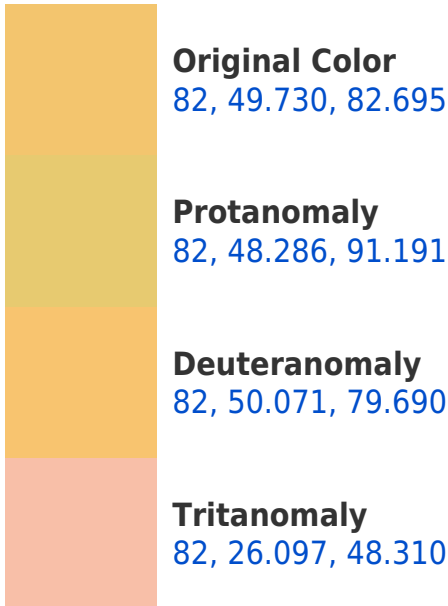
Dichromacy





Tritanopia
82, 25.143, 4.593

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 49.730, 82.695 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(243, 197, 110)` looks like.

```
.text, #text, p{  
    color:rgb(243, 197, 110)  
}
```

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(243, 197, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 197, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 49.730, 82.695 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(243, 197, 110) }
```

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

```
.border{ border-color:rgb(243, 197, 110) }
```

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

Here you see how a box with a 4 pixel rgb(243, 197, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 197, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 197, 110);  
box-shadow:4px 4px 4px 4px rgb(243, 197,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 49.730, 82.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 197, 110) }
```

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

```
.background{ background-color: rgb(243,  
197, 110) }
```

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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