

Converting Colors

CIELCh(79, 46.739, 84.020)

Have a look what the booklet for
CIELCh(79, 46.739, 84.020) contains.

CIELCh(79, 46.779, 83.988)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(79, 46.779, 83.988)

Conversions

Conversions Part 1

Format	Color
Hex	E7BE6C
RGB	231, 190, 108
RGB Percent	91%, 75%, 42%
CMY	0.0939, 0.2547, 0.5763
CMYK	0.00, 0.18, 0.53, 0.09
HSL	40°, 72%, 66%
HSV	40°, 53%, 91%
XYZ	54.1043, 54.9284, 21.9506
YIQ	192.9110, 50.7580, -16.8100

Conversions

Conversions Part 2

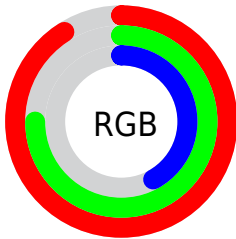
Format	Color
RYB	170, 231, 108
Decimal	15187564
CIELab	79.00, 4.90, 46.52
CIELCh	79, 46.779, 83.988
Yxy	54.9284, 0.4131, 0.4194
Android (android.graphics.Color)	4293377644 (0xFFE7BE6C)
YUV	192.9110, -41.8611, 33.4041
Hunter-Lab	74.1137, 0.6092, 34.3194

Details

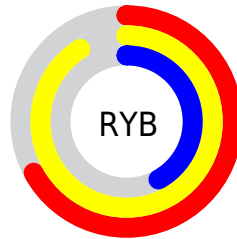
The CIELCh color **79, 46.779, 83.988** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **62, 46.679, 281.233**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 42.936, 102.057**, and **59, 47.010, 84.015** is the 20% darker color. If you saturate the color by 10%, you get **77, 55.508, 82.499**, and if you desaturate by 10%, it is **81, 37.812, 85.422**.

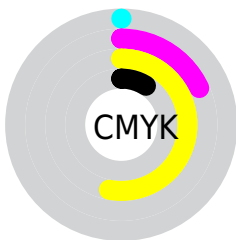
Distribution



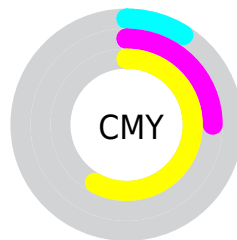
- Red (91%)
- Green (75%)
- Blue (42%)



- Red (67%)
- Yellow (91%)
- Blue (42%)



- Cyan (0%)
- Magenta (18%)
- Yellow (53%)
- Black (9%)



- Cyan (9%)
- Magenta (25%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 46.779, 83.988 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 79, 46.779, 83.988 by changing the saturation by 10% instead.

 79, 46.779, 83.988

 79, 46.779, 83.988

 100, 46.779,
83.988

 69, 46.779, 83.988

 99, 46.779, 83.988

 59, 46.779, 83.988

 49, 46.779, 83.988

 39, 46.779, 83.988

 29, 46.779, 83.988

 19, 46.779, 83.988

 9, 46.779, 83.988

 0, 46.779, 83.988

 79, 46.779, 83.988

 79, 46.779, 83.988

77, 55.508, 82.499

81, 37.812, 85.422

75, 63.582, 80.896

84, 28.834, 86.806

73, 70.316, 79.087

86, 19.962, 88.149

71, 74.812, 76.903

88, 11.248, 89.444

70, 76.585, 75.195

91, 2.713, 90.630

93, 5.640, 271.991

96, 7.102, 252.325

97, 7.201, 212.796

98, 8.172, 198.970

Harmonies

Complementary

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



79, 46.779, 83.988



62, 46.679, 281.233

Rectangle

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



79, 46.779, 83.988



79, 46.779, 133.988



79, 46.779, 263.988



79, 46.779, 313.988

Sweetspot

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



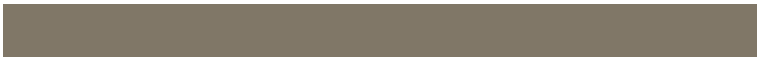
79, 46.779, 83.992



96, 14.775, 89.080



62, 51.756, 0.978



50, 9.998, 88.813



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 46.779, 83.992



84, 60.817, 82.328



88, 61.635, 112.971



47, 4.779, 89.917



55, 63.157, 75.724



15, 22.089, 78.535

Inverse Universe

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



62, 46.679, 281.233



62, 61.486, 284.546



53, 70.948, 302.303



45, 4.778, 272.401



30, 74.654, 296.510



6, 25.470, 287.773

Previews

White Background



This preview shows how the CIELCh color 79, 46.779, 83.988 looks on a white background.

Color Contrast Check

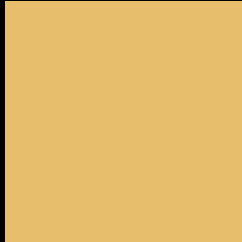
Large Text (above 18pt) WCAG AA × Fail

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 79, 46.779, 83.988 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 79, 46.779, 83.988

Background



This preview shows how black text looks on a background with the CIELCh color 79, 46.779, 83.988.



This preview shows how white text looks on a background with the CIELCh color 79, 46.779, 83.988.

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](#).

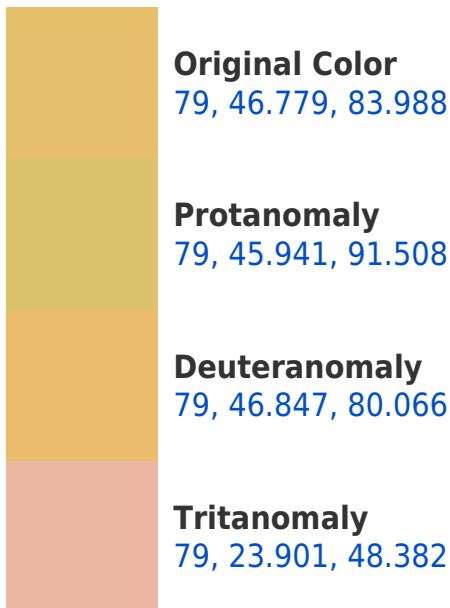
Dichromacy





Tritanopia
79, 23.478, 3.102

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 46.779, 83.988 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(231, 190, 108)` looks like.

```
.text, #text, p{  
    color:rgb(231, 190, 108)  
}
```

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(231, 190, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 190, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 46.779, 83.988 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(231, 190, 108) }
```

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

```
.border{ border-color:rgb(231, 190, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 190, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 190, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 190, 108); box-shadow:4px 4px 4px 4px rgb(231, 190, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 46.779, 83.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 190, 108) }
```

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

```
.background{ background-color: rgb(231,  
190, 108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor