

Converting Colors

CIELCh(79, 48.449, 86.040)

Have a look what the booklet for
CIELCh(79, 48.449, 86.040) contains.

CIELCh(79, 48.557, 86.190)	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, 48.557, 86.190)

Conversions

Conversions Part 1

Format	Color
Hex	E5BF68
RGB	229, 191, 104
RGB Percent	90%, 75%, 41%
CMY	0.1019, 0.2509, 0.5921
CMYK	0.00, 0.17, 0.55, 0.10
HSL	42°, 71%, 65%
HSV	42°, 55%, 90%
XYZ	53.4516, 54.9284, 20.8857
YIQ	192.4440, 50.5750, -19.0010

Conversions

Conversions Part 2

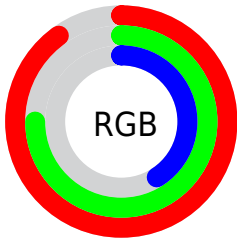
Format	Color
RYB	159, 229, 104
Decimal	15056744
CIELab	79.00, 3.23, 48.45
CIELCh	79, 48.557, 86.190
Yxy	54.9284, 0.4135, 0.4249
Android (android.graphics.Color)	4293246824 (0xFFE5BF68)
YUV	192.4440, -43.6029, 32.0596
Hunter-Lab	74.1137, -0.9627, 35.1713

Details

The CIELCh color **79, 48.557, 86.190** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **60, 49.578, 283.685**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 45.300, 102.616**, and **59, 48.645, 86.209** is the 20% darker color. If you saturate the color by 10%, you get **77, 57.155, 84.725**, and if you desaturate by 10%, it is **81, 39.604, 87.603**.

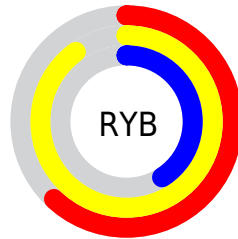
Distribution



Red (90%)

Green (75%)

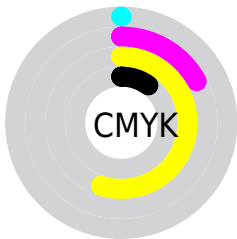
Blue (41%)



Red (62%)

Yellow (90%)

Blue (41%)

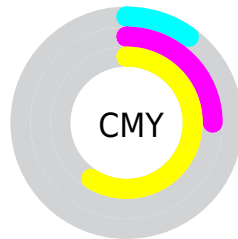


Cyan (0%)

Magenta (17%)

Yellow (55%)

Black (10%)



Cyan (10%)

Magenta (25%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 48.557, 86.190 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, 48.557, 86.190 by changing the saturation by 10% instead.

■ 79, 48.557, 86.190

■ 79, 48.557, 86.190

■ 100, 48.557,
86.190

■ 69, 48.557, 86.190

■ 99, 48.557, 86.190

■ 59, 48.557, 86.190

■ 49, 48.557, 86.190

■ 39, 48.557, 86.190

■ 29, 48.557, 86.190

■ 19, 48.557, 86.190

■ 9, 48.557, 86.190

■ 0, 48.557, 86.190

■ 79, 48.557, 86.190

■ 79, 48.557, 86.190

77, 57.155, 84.725

81, 39.604, 87.603

75, 64.938, 83.154

83, 30.558, 88.970

73, 71.186, 81.391

85, 21.558, 90.297

72, 75.044, 79.288

88, 12.675, 91.579

71, 76.280, 78.015

90, 3.939, 92.784

92, 4.639, 274.099

94, 8.586, 265.635

96, 7.294, 234.862

98, 8.408, 203.594

Harmonies

Complementary

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



79, 48.557, 86.190



60, 49.578, 283.685

Rectangle

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



79, 48.557, 86.190



79, 48.557, 136.190



79, 48.557, 266.190



79, 48.557, 316.190

Sweetspot

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



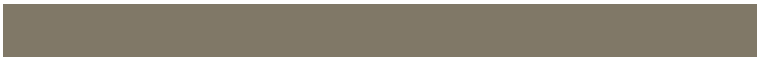
79, 48.557, 86.194



96, 15.197, 91.388



60, 52.417, 2.501



51, 10.280, 91.125



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, 48.557, 86.194



85, 62.713, 84.603



87, 62.704, 113.658



47, 4.921, 92.214



56, 63.353, 78.480



15, 22.513, 81.423

Inverse Universe

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



60, 49.578, 283.685



60, 65.294, 286.876



52, 72.356, 302.916



45, 4.935, 274.651



29, 78.104, 298.070



5, 26.349, 289.055

Previews

White Background



This preview shows how the CIELCh color 79, 48.557, 86.190 looks on a white background.

Color Contrast Check

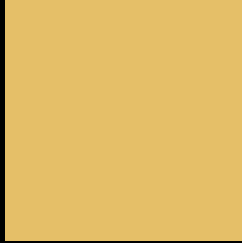
Large Text (above 18pt) WCAG AA × Fail

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, 48.557, 86.190 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, 48.557, 86.190

Background



This preview shows how black text looks on a background with the CIELCh color 79, 48.557, 86.190.



This preview shows how white text looks on a background with the CIELCh color 79, 48.557, 86.190.

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, 22.364, 2.029

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 48.557, 86.190 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(229, 191, 104)` looks like.

```
.text, #text, p{  
    color:rgb(229, 191, 104)  
}
```

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(229, 191, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 191, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 48.557, 86.190 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(229, 191, 104) }
```

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

```
.border{ border-color:rgb(229, 191, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 191, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 191, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 191, 104);  
box-shadow:4px 4px 4px 4px rgb(229, 191,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 48.557, 86.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 191, 104) }
```

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

```
.background{ background-color: rgb(229,  
191, 104) }
```

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