

Converting Colors

CIELCh(79, 49.325, 90.059)

Have a look what the booklet for
CIELCh(79, 49.325, 90.059) contains.

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Color

CIELCh(79, 49.323, 90.050)

Conversions

Conversions Part 1

Format	Color
Hex	E0C166
RGB	224, 193, 102
RGB Percent	88%, 76%, 40%
CMY	0.1217, 0.2432, 0.6001
CMYK	0.00, 0.14, 0.54, 0.12
HSL	45°, 66%, 64%
HSV	45°, 54%, 88%
XYZ	52.1913, 54.9284, 20.4149
YIQ	191.8950, 47.6870, -21.7290

Conversions

Conversions Part 2

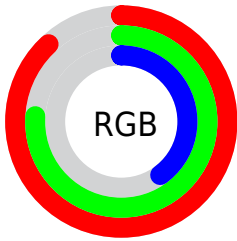
Format	Color
RYB	144, 224, 102
Decimal	14729574
CIELab	79.00, -0.04, 49.32
CIELCh	79, 49.323, 90.050
Yxy	54.9284, 0.4092, 0.4307
Android (android.graphics.Color)	4292919654 (0xFFE0C166)
YUV	191.8950, -44.3182, 28.1561
Hunter-Lab	74.1137, -3.9981, 35.5480

Details

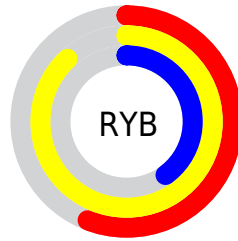
The CIELCh color **79, 49.323, 90.050** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **57, 52.039, 286.851**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 47.117, 103.612**, and **59, 49.276, 90.284** is the 20% darker color. If you saturate the color by 10%, you get **77, 57.803, 88.673**, and if you desaturate by 10%, it is **81, 40.378, 91.394**.

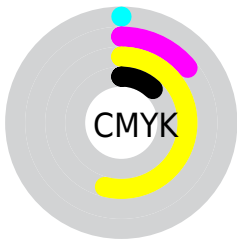
Distribution



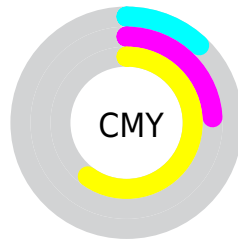
- Red (88%)
- Green (76%)
- Blue (40%)



- Red (56%)
- Yellow (88%)
- Blue (40%)



- Cyan (0%)
- Magenta (14%)
- Yellow (54%)
- Black (12%)



- Cyan (12%)
- Magenta (24%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 49.323, 90.050 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, 49.323, 90.050 by changing the saturation by 10% instead.

■ 79, 49.323, 90.050

■ 79, 49.323, 90.050

■ 100, 49.323,
90.050

■ 69, 49.323, 90.050

■ 99, 49.323, 90.050

■ 59, 49.323, 90.050

■ 49, 49.323, 90.050

■ 39, 49.323, 90.050

■ 29, 49.323, 90.050

■ 19, 49.323, 90.050

■ 9, 49.323, 90.050

■ 0, 49.323, 90.050

■ 79, 49.323, 90.050

■ 79, 49.323, 90.050

77, 57.803, 88.673

81, 40.378, 91.394

76, 65.348, 87.226

83, 31.247, 92.703

74, 71.261, 85.652

84, 22.087, 93.979

73, 74.766, 83.848

86, 12.983, 95.217

72, 75.839, 82.755

88, 3.977, 96.385

90, 4.911, 277.638

92, 11.797,
276.432

94, 9.724, 260.502

95, 8.710, 238.849

Harmonies

Complementary

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



79, 49.323, 90.050



57, 52.039, 286.851

Rectangle

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



79, 49.323, 90.050



79, 49.323, 140.050



79, 49.323, 270.050



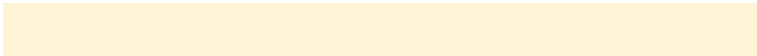
79, 49.323, 320.050

Sweetspot

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



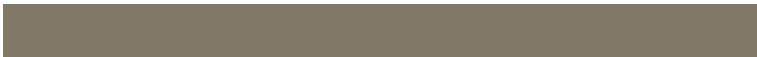
79, 49.324, 90.054



96, 15.967, 95.016



59, 50.959, 6.216



51, 10.794, 94.762



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, 49.324, 90.054



87, 64.648, 88.532



85, 61.933, 115.908



46, 5.085, 95.818



58, 63.405, 83.128



15, 22.063, 86.196

Inverse Universe

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



57, 52.039, 286.851



58, 70.161, 289.961



51, 70.897, 304.212



44, 5.122, 278.162



27, 82.783, 300.331



4, 26.098, 289.686

Previews

White Background



This preview shows how the CIELCh color 79, 49.323, 90.050 looks on a white background.

Color Contrast Check

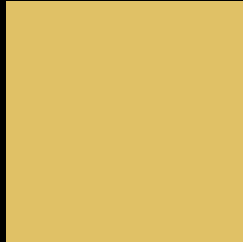
Large Text (above 18pt) WCAG AA × Fail

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, 49.323, 90.050 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, 49.323, 90.050

Background



This preview shows how black text looks on a background with the CIELCh color 79, 49.323, 90.050.

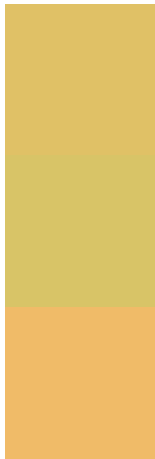


This preview shows how white text looks on a background with the CIELCh color 79, 49.323, 90.050.

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

79, 49.323, 90.050

Protanopia

79, 48.979, 95.645

Deuteranopia

79, 49.796, 78.588



Tritanopia
79, 20.546, 0.032

Trichromacy



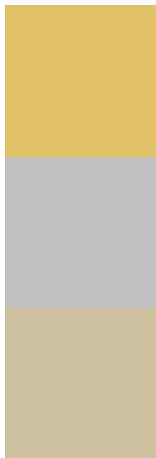
Original Color
79, 49.323, 90.050

Protanomaly
79, 48.910, 93.592

Deuteranomaly
79, 49.415, 82.726

Tritanomaly
79, 21.981, 55.656

Monochromacy



Original Color
79, 49.323, 90.050

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 18.207, 93.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 49.323, 90.050 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(224, 193, 102)` looks like.

```
.text, #text, p{  
    color:rgb(224, 193, 102)  
}
```

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(224, 193, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 193, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 49.323, 90.050 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(224, 193, 102) }
```

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

```
.border{ border-color:rgb(224, 193, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 193, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 193, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 193, 102);  
box-shadow:4px 4px 4px 4px rgb(224, 193,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 49.323, 90.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 193, 102) }
```

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

```
.background{ background-color: rgb(224,  
193, 102) }
```

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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