

Converting Colors

CIELCh(79, 42.356, 87.708)

Have a look what the booklet for
CIELCh(79, 42.356, 87.708) contains.

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Color

CIELCh(79, 42.356, 87.708)

Conversions

Conversions Part 1

Format	Color
Hex	E0C074
RGB	224, 192, 116
RGB Percent	88%, 75%, 45%
CMY	0.1208, 0.2463, 0.5444
CMYK	0.00, 0.14, 0.48, 0.12
HSL	42°, 64%, 67%
HSV	42°, 48%, 88%
XYZ	52.8584, 54.9284, 24.3943
YIQ	192.9040, 43.4680, -16.8520

Conversions

Conversions Part 2

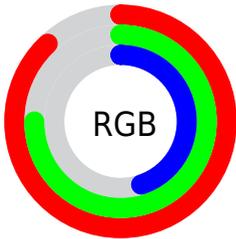
Format	Color
RYB	161, 224, 116
Decimal	14729332
CIELab	79.00, 1.69, 42.32
CIElCh	79, 42.356, 87.708
Yxy	54.9284, 0.3999, 0.4156
Android (android.graphics.Color)	4292919412 (0xFFE0C074)
YUV	192.9040, -37.9137, 27.2712
Hunter-Lab	74.1137, -2.3916, 32.3645

Details

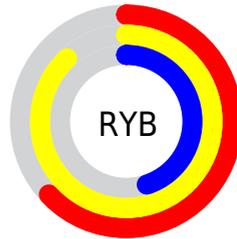
The CIELCh color **79, 42.356, 87.708** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62, 43.139, 282.510**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 39.887, 103.128**, and **59, 42.294, 87.632** is the 20% darker color. If you saturate the color by 10%, you get **77, 51.084, 86.296**, and if you desaturate by 10%, it is **81, 33.447, 89.084**.

Distribution



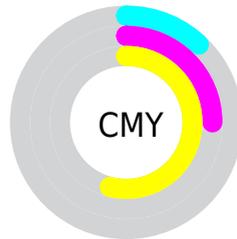
- Red (88%)
- Green (75%)
- Blue (45%)



- Red (63%)
- Yellow (88%)
- Blue (45%)



- Cyan (0%)
- Magenta (14%)
- Yellow (48%)
- Black (12%)



- Cyan (12%)
- Magenta (25%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 42.356, 87.708 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, 42.356, 87.708 by changing the saturation by 10% instead.

 79, 42.356, 87.708

 79, 42.356, 87.708

 100, 42.356,
87.708

 69, 42.356, 87.708

 99, 42.356, 87.708

 59, 42.356, 87.708

 49, 42.356, 87.708

 39, 42.356, 87.708

 29, 42.356, 87.708

 19, 42.356, 87.708

 9, 42.356, 87.708

 0, 42.356, 87.708

 79, 42.356, 87.708

 79, 42.356, 87.708

77, 51.084, 86.296

81, 33.447, 89.084

75, 59.309, 84.812

83, 24.531, 90.416

73, 66.492, 83.207

85, 15.701, 91.708

72, 71.849, 81.378

87, 7.000, 92.946

70, 74.739, 79.189

90, 1.556, 274.341

70, 75.161, 78.779

92, 9.961, 275.375

94, 9.627, 260.220

95, 8.609, 234.333

97, 9.500, 208.254

Harmonies

Complementary

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



79, 42.356, 87.708



62, 43.139, 282.510

Rectangle

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



79, 42.356, 87.708



79, 42.356, 137.708



79, 42.356, 267.708



79, 42.356, 317.708

Sweetspot

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



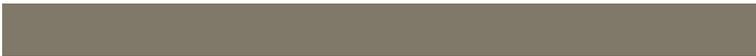
79, 42.357, 87.712



97, 13.373, 92.221



62, 45.447, 2.347



51, 9.250, 91.949



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



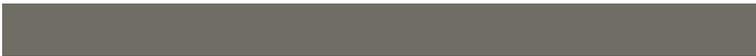
79, 42.357, 87.712



87, 56.524, 86.262



86, 55.169, 114.763



46, 4.868, 92.794



56, 62.763, 79.226



14, 21.344, 82.250

Inverse Universe

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



62, 43.139, 282.510



64, 58.376, 285.262



55, 62.178, 302.543



44, 4.886, 275.213



28, 78.069, 298.414



5, 25.052, 288.162

Previews

White Background



This preview shows how the CIELCh color 79, 42.356, 87.708 looks on a white background.

Color Contrast Check

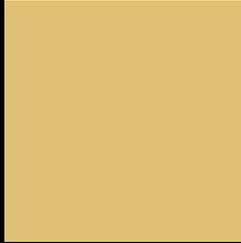
Large Text (above 18pt) WCAG AA × Fail

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, 42.356, 87.708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

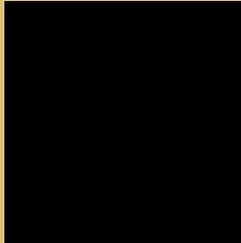
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

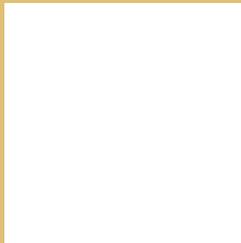
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 42.356, 87.708

Background



This preview shows how black text looks on a background with the CIELCh color 79, 42.356, 87.708.



This preview shows how white text looks on a background with the CIELCh color 79, 42.356, 87.708.

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, 42.356, 87.708

Protanopia

79, 41.539, 95.881

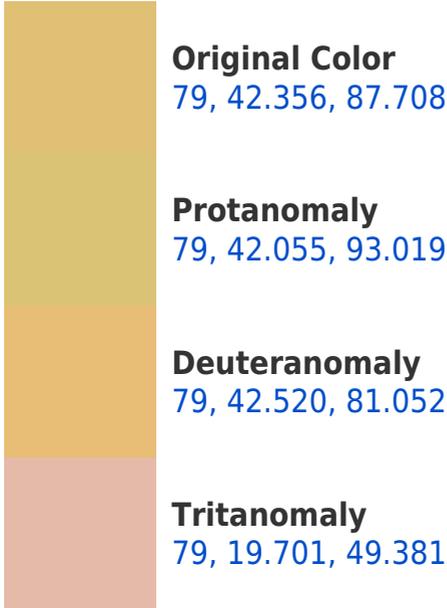
Deuteranopia

79, 43.206, 77.032



Tritanopia
79, 19.816, 359.138

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 42.356, 87.708 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, 192, 116)` looks like.

```
.text, #text, p{  
    color:rgb(224, 192, 116)  
}
```

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, 192, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 192, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 42.356, 87.708 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, 192, 116) }
```

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

```
.border{ border-color:rgb(224, 192, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 192, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 192, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 192, 116); box-shadow:4px 4px 4px 4px rgb(224, 192, 116) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 42.356, 87.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 192, 116) }
```

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

```
.background{ background-color: rgb(224,  
192, 116) }
```

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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