

Converting Colors

CIELCh(82, 43.971, 94.554)

Have a look what the booklet for
CIELCh(82, 43.971, 94.554) contains.

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Color

CIELCh(82, 43.638, 94.123)

Conversions

Conversions Part 1

Format	Color
Hex	E1CB79
RGB	225, 203, 121
RGB Percent	88%, 80%, 47%
CMY	0.1164, 0.2027, 0.5244
CMYK	0.00, 0.10, 0.46, 0.12
HSL	47°, 64%, 68%
HSV	47°, 46%, 88%
XYZ	56.0440, 60.2982, 26.8648
YIQ	200.2300, 39.4340, -20.8380

Conversions

Conversions Part 2

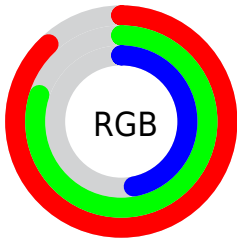
Format	Color
RYB	149, 225, 121
Decimal	14797689
CIELab	82.00, -3.14, 43.53
CIELCh	82, 43.638, 94.123
Yxy	60.2982, 0.3913, 0.4211
Android (android.graphics.Color)	4292987769 (0xFFE1CB79)
YUV	200.2300, -39.0604, 21.7233
Hunter-Lab	77.6519, -7.0613, 33.8441

Details

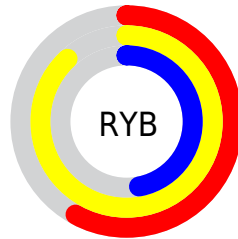
The CIELCh color **82, 43.638, 94.123** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **61, 46.280, 287.287**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 40.096, 107.118**, and **62, 43.665, 93.926** is the 20% darker color. If you saturate the color by 10%, you get **81, 52.719, 92.853**, and if you desaturate by 10%, it is **84, 34.250, 95.381**.

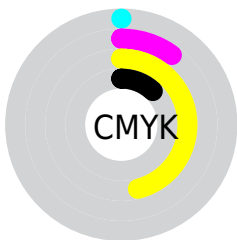
Distribution



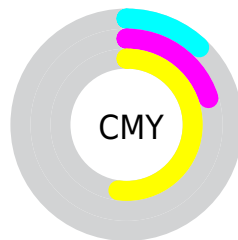
- Red (88%)
- Green (80%)
- Blue (47%)



- Red (58%)
- Yellow (88%)
- Blue (47%)



- Cyan (0%)
- Magenta (10%)
- Yellow (46%)
- Black (12%)



- Cyan (12%)
- Magenta (20%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 43.638, 94.123 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, 43.638, 94.123 by changing the saturation by 10% instead.

 82, 43.638, 94.123

 82, 43.638, 94.123

 100, 43.638,
94.123

 72, 43.638, 94.123

 62, 43.638, 94.123

 52, 43.638, 94.123

 42, 43.638, 94.123

 32, 43.638, 94.123

 22, 43.638, 94.123

 12, 43.638, 94.123

 2, 43.638, 94.123

 0, 43.638, 94.123

82, 43.638, 94.123

82, 43.638, 94.123

81, 52.719, 92.853

84, 34.250, 95.381

79, 61.161, 91.559

85, 24.747, 96.613

78, 68.441, 90.227

87, 15.238, 97.814

76, 73.841, 88.816

89, 5.783, 98.966

75, 76.688, 87.250

90, 3.587, 280.178

75, 77.345, 86.621

92, 12.110,
280.518

93, 10.127,
268.606

95, 8.761, 252.143

96, 8.308, 232.053

Harmonies

Complementary

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



82, 43.638, 94.123



61, 46.280, 287.287

Rectangle

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



82, 43.638, 94.123



82, 43.638, 144.123



82, 43.638, 274.123



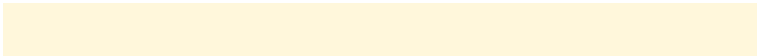
82, 43.638, 324.123

Sweetspot

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



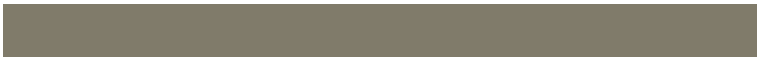
82, 43.639, 94.127



97, 14.572, 98.059



63, 43.080, 8.162



52, 10.070, 97.803



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, 43.639, 94.127



90, 57.118, 92.955



86, 53.952, 118.468



46, 5.315, 98.598



60, 64.388, 86.927



16, 22.882, 89.863

Inverse Universe

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



61, 46.280, 287.287



62, 61.893, 289.533



58, 59.805, 304.762



44, 5.372, 280.861



25, 87.201, 301.955



4, 27.054, 290.957

Previews

White Background



This preview shows how the CIELCh color 82, 43.638, 94.123 looks on a white background.

Color Contrast Check

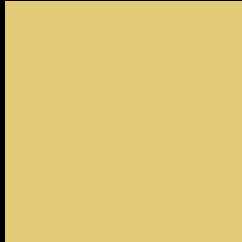
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 82, 43.638, 94.123 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, 43.638, 94.123

Background



This preview shows how black text looks on a background with the CIELCh color 82, 43.638, 94.123.



This preview shows how white text looks on a background with the CIELCh color 82, 43.638, 94.123.

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

82, 43.638, 94.123

Protanopia

82, 43.331, 95.775

Deuteranopia

82, 44.222, 76.829



Tritanopia
82, 17.092, 353.254

Trichromacy



Original Color
82, 43.638, 94.123

Protanomaly
82, 43.418, 95.230

Deuteranomaly
82, 43.644, 83.159

Tritanomaly
82, 17.419, 59.394

Monochromacy



Original Color
82, 43.638, 94.123

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 16.133, 97.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 43.638, 94.123 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(225, 203, 121)` looks like.

```
.text, #text, p{  
    color:rgb(225, 203, 121)  
}
```

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(225, 203, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 203, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 43.638, 94.123 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(225, 203, 121) }
```

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

```
.border{ border-color:rgb(225, 203, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 203, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 203, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 203, 121); box-shadow:4px 4px 4px 4px rgb(225, 203, 121) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 43.638, 94.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 203, 121) }
```

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

```
.background{ background-color: rgb(225,  
203, 121) }
```

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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