

Converting Colors

CIELCh(82, 50.076, 94.258)

Have a look what the booklet for
CIELCh(82, 50.076, 94.258) contains.

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Color

CIELCh(82, 50.066, 93.997)

Conversions

Conversions Part 1

Format	Color
Hex	E3CB6C
RGB	227, 203, 108
RGB Percent	89%, 80%, 42%
CMY	0.1087, 0.2029, 0.5755
CMYK	0.00, 0.11, 0.52, 0.11
HSL	48°, 68%, 66%
HSV	48°, 52%, 89%
XYZ	55.9029, 60.2982, 22.9480
YIQ	199.3460, 44.7990, -24.4570

Conversions

Conversions Part 2

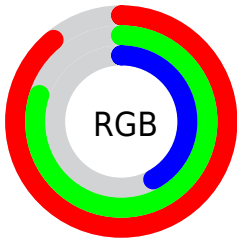
Format	Color
R _Y B	138, 227, 108
Decimal	14928748
CIE Lab	82.00, -3.49, 49.94
CIE LCh	82, 50.066, 93.997
Yxy	60.2982, 0.4017, 0.4333
Android (android.graphics.Color)	4293118828 (0xFFE3CB6C)
YUV	199.3460, -45.0336, 24.2526
Hunter-Lab	77.6519, -7.3858, 36.8347

Details

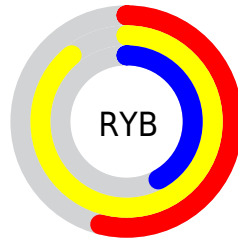
The CIELCh color **82, 50.066, 93.997** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **57, 54.106, 289.312**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 46.400, 106.631**, and **62, 50.191, 94.026** is the 20% darker color. If you saturate the color by 10%, you get **81, 58.886, 92.736**, and if you desaturate by 10%, it is **83, 40.728, 95.251**.

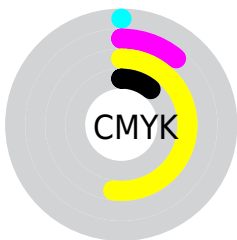
Distribution



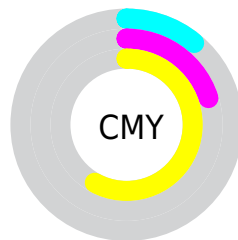
- Red (89%)
- Green (80%)
- Blue (42%)



- Red (54%)
- Yellow (89%)
- Blue (42%)



- Cyan (0%)
- Magenta (11%)
- Yellow (52%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 50.066, 93.997 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, 50.066, 93.997 by changing the saturation by 10% instead.



82, 50.066, 93.997

82, 50.066, 93.997

81, 58.886, 92.736

83, 40.728, 95.251

79, 66.732, 91.450

85, 31.148, 96.484

78, 72.949, 90.116

87, 21.488, 97.694

77, 76.797, 88.677

88, 11.840, 98.871

76, 78.178, 87.487

90, 2.252, 99.956

92, 7.249, 281.163

93, 10.446,
275.766

94, 8.780, 261.464

95, 7.862, 242.421

Harmonies

Complementary

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



82, 50.066, 93.997



57, 54.106, 289.312

Rectangle

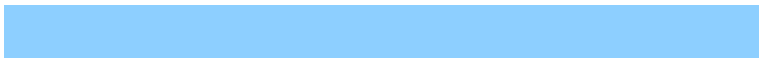
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 50.066, 93.997



82, 50.066, 143.997



82, 50.066, 273.997



82, 50.066, 323.997

Sweetspot

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



82, 50.067, 94.000



97, 16.836, 98.437



61, 49.401, 9.534



51, 11.376, 98.193



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, 50.067, 94.000



89, 65.178, 92.605



86, 61.033, 118.170



47, 5.470, 99.204



61, 65.349, 87.766



17, 24.395, 90.471

Inverse Universe

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



57, 54.106, 289.312



57, 72.830, 292.230



54, 68.861, 305.370



45, 5.533, 281.454



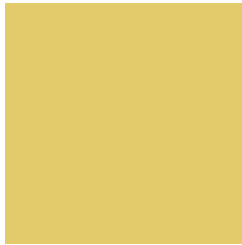
25, 89.193, 302.318



4, 29.016, 292.386

Previews

White Background



This preview shows how the CIELCh color 82, 50.066, 93.997 looks on a white background.

Color Contrast Check

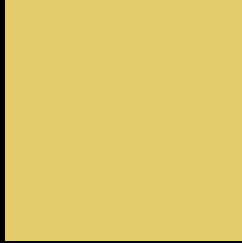
Large Text (above 18pt) WCAG AA × Fail

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, 50.066, 93.997 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, 50.066, 93.997

Background



This preview shows how black text looks on a background with the CIELCh color 82, 50.066, 93.997.



This preview shows how white text looks on a background with the CIELCh color 82, 50.066, 93.997.

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, 50.066, 93.997

Protanopia

82, 49.759, 95.462

Deuteranopia

82, 50.593, 77.744



Tritanopia
82, 18.450, 355.585

Trichromacy



Original Color
82, 50.066, 93.997

Protanomaly
82, 49.846, 94.981

Deuteranomaly
82, 50.001, 83.297

Tritanomaly
82, 19.841, 61.550

Monochromacy



Original Color
82, 50.066, 93.997

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 18.294, 97.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 50.066, 93.997 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(227, 203, 108)` looks like.

```
.text, #text, p{  
    color:rgb(227, 203, 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(227, 203, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 203, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 50.066, 93.997 is called "border". The border property can be set on classes, ids or directly on the HTML element.

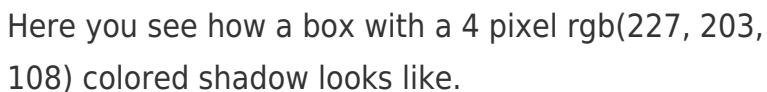
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 203, 108) }
```

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

```
.border{ border-color:rgb(227, 203, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 203, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 203, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 203, 108); box-shadow:4px 4px 4px 4px rgb(227, 203, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 50.066, 93.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 203, 108) }
```

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

```
.background{ background-color: rgb(227,  
203, 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](#).

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