

Converting Colors

CIELCh(82, 61.749, 98.206)

Have a look what the booklet for
CIELCh(82, 61.749, 98.206) contains.

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Color

CIELCh(82, 61.939, 98.277)

Conversions

Conversions Part 1

Format	Color
Hex	DECE53
RGB	222, 206, 83
RGB Percent	87%, 81%, 33%
CMY	0.1294, 0.1921, 0.6745
CMYK	0.00, 0.07, 0.63, 0.13
HSL	53°, 68%, 60%
HSV	53°, 63%, 87%
XYZ	53.7583, 60.2982, 16.9893
YIQ	196.7620, 49.0190, -34.8610

Conversions

Conversions Part 2

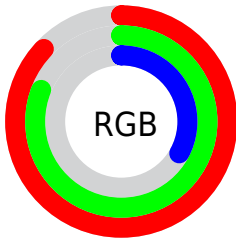
Format	Color
RYB	101, 222, 83
Decimal	14601811
CIELab	82.00, -8.92, 61.29
CIELCh	82, 61.939, 98.277
Yxy	60.2982, 0.4102, 0.4601
Android (android.graphics.Color)	4292791891 (0xFFDECE53)
YUV	196.7620, -56.0847, 22.1337
Hunter-Lab	77.6519, -12.3155, 41.3844

Details

The CIELCh color **82, 61.939, 98.277** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **47, 72.153, 296.016**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 58.151, 105.727**, and **62, 61.976, 98.143** is the 20% darker color. If you saturate the color by 10%, you get **81, 69.694, 97.266**, and if you desaturate by 10%, it is **83, 53.022, 99.339**.

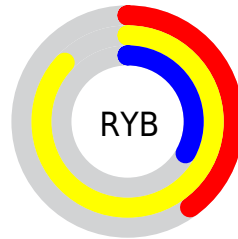
Distribution



Red (87%)

Green (81%)

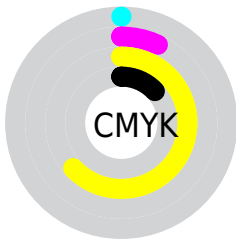
Blue (33%)



Red (40%)

Yellow (87%)

Blue (33%)

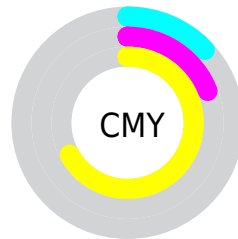


Cyan (0%)

Magenta (7%)

Yellow (63%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 61.939, 98.277 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, 61.939, 98.277 by changing the saturation by 10% instead.

 82, 61.939, 98.277

 82, 61.939, 98.277

 100, 61.939,
98.277

 72, 61.939, 98.277

 62, 61.939, 98.277

 52, 61.939, 98.277

 42, 61.939, 98.277

 32, 61.939, 98.277

 22, 61.939, 98.277

 12, 61.939, 98.277

 2, 61.939, 98.277

 0, 61.939, 98.277

82, 61.939, 98.277

82, 61.939, 98.277

81, 69.694, 97.266

83, 53.022, 99.339

80, 75.666, 96.307

84, 43.410,
100.429

80, 79.252, 95.398

85, 33.412,
101.531

79, 80.503, 94.742

86, 23.220,
102.632

87, 12.949,
103.716

88, 2.670, 104.744

89, 7.579, 285.839

90, 14.878,
285.603

91, 13.637,

Harmonies

Complementary

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



82, 61.939, 98.277



47, 72.153, 296.016

Rectangle

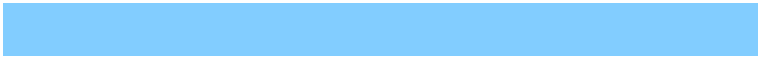
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 61.939, 98.277



82, 61.939, 148.277



82, 61.939, 278.277



82, 61.939, 328.277

Sweetspot

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



82, 61.939, 98.280



98, 21.838, 103.010



55, 58.883, 19.928



52, 15.027, 102.695



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, 61.939, 98.280



92, 79.595, 96.975



83, 71.603, 121.986



47, 5.879, 104.052



64, 67.745, 94.879



17, 25.029, 97.084

Inverse Universe

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



47, 72.153, 296.016



46, 98.594, 299.429



48, 81.278, 308.958



44, 5.978, 286.135



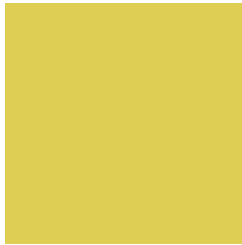
22, 95.389, 304.606



3, 29.117, 293.369

Previews

White Background



This preview shows how the CIELCh color 82, 61.939, 98.277 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, 61.939, 98.277 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, 61.939, 98.277

Background



This preview shows how black text looks on a background with the CIELCh color 82, 61.939, 98.277.



This preview shows how white text looks on a background with the CIELCh color 82, 61.939, 98.277.

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, 61.939, 98.277

Protanopia

82, 62.026, 95.434

Deuteranopia

82, 61.224, 80.189



Tritanopia
82, 16.762, 352.621

Trichromacy



Original Color
82, 61.939, 98.277

Protanomaly
82, 62.204, 96.665

Deuteranomaly
82, 60.439, 86.467

Tritanomaly
82, 22.367, 74.928

Monochromacy



Original Color
82, 61.939, 98.277

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 23.339, 102.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 61.939, 98.277 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(222, 206, 83)` looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 83)  
}
```

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(222, 206, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 61.939, 98.277 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(222, 206, 83) }
```

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

```
.border{ border-color:rgb(222, 206, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 206, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 206, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 206, 83);  
box-shadow:4px 4px 4px 4px rgb(222, 206,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 61.939, 98.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 83) }
```

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

```
.background{ background-color: rgb(222,  
206, 83) }
```

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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