

Converting Colors

CIELCh(82, 64.104, 94.871)

Have a look what the booklet for
CIELCh(82, 64.104, 94.871) contains.

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Color

CIELCh(82, 64.245, 94.757)

Conversions

Conversions Part 1

Format	Color
Hex	E5CC4D
RGB	229, 204, 77
RGB Percent	90%, 80%, 30%
CMY	0.1025, 0.2005, 0.6985
CMYK	0.00, 0.11, 0.66, 0.10
HSL	50°, 74%, 60%
HSV	50°, 66%, 90%
XYZ	55.1703, 60.2982, 15.7295
YIQ	196.9970, 55.6670, -34.1970

Conversions

Conversions Part 2

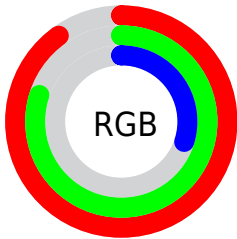
Format	Color
RYB	107, 229, 77
Decimal	15060045
CIELab	82.00, -5.33, 64.02
CIElCh	82, 64.245, 94.757
Yxy	60.2982, 0.4205, 0.4596
Android (android.graphics.Color)	4293250125 (0xFFE5CC4D)
YUV	196.9970, -59.1585, 28.0666
Hunter-Lab	77.6519, -9.0698, 42.3463

Details

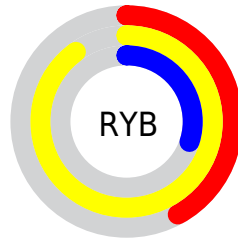
The CIELCh color **82, 64.245, 94.757** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **48, 74.252, 294.893**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 60.423, 105.553**, and **62, 64.213, 94.682** is the 20% darker color. If you saturate the color by 10%, you get **81, 71.538, 93.589**, and if you desaturate by 10%, it is **83, 55.635, 95.936**.

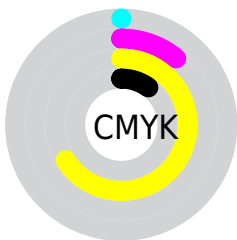
Distribution



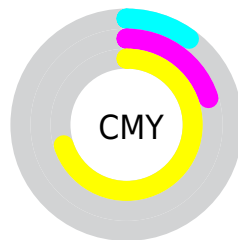
- Red (90%)
- Green (80%)
- Blue (30%)



- Red (42%)
- Yellow (90%)
- Blue (30%)



- Cyan (0%)
- Magenta (11%)
- Yellow (66%)
- Black (10%)



- Cyan (10%)
- Magenta (20%)
- Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 64.245, 94.757 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, 64.245, 94.757 by changing the saturation by 10% instead.

 82, 64.245, 94.757

 82, 64.245, 94.757

 100, 64.245,
94.757

 72, 64.245, 94.757

 62, 64.245, 94.757

 52, 64.245, 94.757

 42, 64.245, 94.757

 32, 64.245, 94.757

 22, 64.245, 94.757

 12, 64.245, 94.757

 2, 64.245, 94.757

 0, 64.245, 94.757

82, 64.245, 94.757

82, 64.245, 94.757

81, 71.538, 93.589

83, 55.635, 95.936

80, 76.811, 92.405

84, 46.254, 97.119

79, 79.473, 91.167

86, 36.462, 98.302

78, 80.033, 90.711

87, 26.478, 99.473

88, 16.431,
100.623

90, 6.395, 101.735

91, 3.589, 282.892

93, 10.960,
281.919

94, 9.330, 272.013

Harmonies

Complementary

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



82, 64.245, 94.757



48, 74.252, 294.893

Rectangle

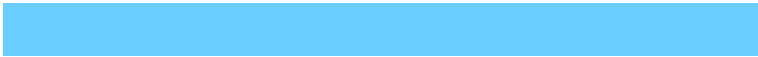
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 64.245, 94.757



82, 64.245, 144.757



82, 64.245, 274.757



82, 64.245, 324.757

Sweetspot

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



82, 64.245, 94.760



97, 21.879, 100.200



55, 63.173, 17.384



51, 14.932, 99.874



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, 64.245, 94.760



89, 80.269, 93.110



85, 76.072, 119.876



47, 5.689, 101.402



63, 66.548, 90.934



17, 25.211, 93.362

Inverse Universe

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



48, 74.252, 294.893



45, 99.599, 298.896



46, 88.421, 307.939



45, 5.768, 283.581



24, 92.638, 303.449



4, 29.864, 293.301

Previews

White Background



This preview shows how the CIELCh color 82, 64.245, 94.757 looks on a white background.

Color Contrast Check

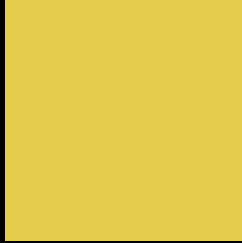
Large Text (above 18pt) WCAG AA × Fail

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, 64.245, 94.757 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, 64.245, 94.757

Background



This preview shows how black text looks on a background with the CIELCh color 82, 64.245, 94.757.



This preview shows how white text looks on a background with the CIELCh color 82, 64.245, 94.757.

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, 64.245, 94.757

Protanopia

82, 64.161, 95.140

Deuteranopia

82, 64.292, 80.633



Tritanopia
82, 19.838, 357.624

Trichromacy



Original Color
82, 64.245, 94.757

Protanomaly
82, 64.161, 95.140

Deuteranomaly
82, 63.817, 85.884

Tritanomaly
82, 25.561, 69.301

Monochromacy



Original Color
82, 64.245, 94.757

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 25.045, 99.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 64.245, 94.757 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(229, 204, 77)` looks like.

```
.text, #text, p{  
    color:rgb(229, 204, 77)  
}
```

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(229, 204, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 204, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 64.245, 94.757 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(229, 204, 77) }
```

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

```
.border{ border-color:rgb(229, 204, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 204, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 204, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 204, 77);  
box-shadow:4px 4px 4px 4px rgb(229, 204,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 64.245, 94.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 204, 77) }
```

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

```
.background{ background-color: rgb(229,  
204, 77) }
```

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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