

Converting Colors

CIELCh(82, 47.145, 97.705)

Have a look what the booklet for
CIELCh(82, 47.145, 97.705) contains.

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Color

CIELCh(82, 46.956, 97.764)

Conversions

Conversions Part 1

Format	Color
Hex	DDCD73
RGB	221, 205, 115
RGB Percent	87%, 80%, 45%
CMY	0.1332, 0.1959, 0.5489
CMYK	0.00, 0.07, 0.48, 0.13
HSL	51°, 61%, 66%
HSV	51°, 48%, 87%
XYZ	54.7682, 60.2982, 24.9827
YIQ	199.5240, 38.4260, -24.5980

Conversions

Conversions Part 2

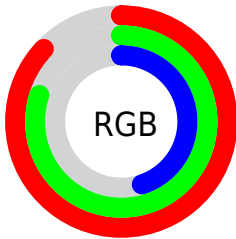
Format	Color
RYB	134, 221, 115
Decimal	14536051
CIELab	82.00, -6.34, 46.53
CIELCh	82, 46.956, 97.764
Yxy	60.2982, 0.3911, 0.4306
Android (android.graphics.Color)	4292726131 (0xFFDDCD73)
YUV	199.5240, -41.6703, 18.8345
Hunter-Lab	77.6519, -9.9940, 35.2811

Details

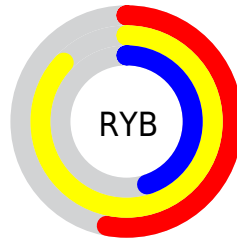
The CIELCh color **82, 46.956, 97.764** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **57, 51.251, 290.849**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 43.019, 106.892**, and **62, 46.884, 97.695** is the 20% darker color. If you saturate the color by 10%, you get **81, 56.051, 96.616**, and if you desaturate by 10%, it is **83, 37.398, 98.925**.

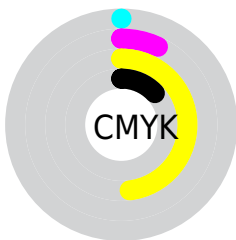
Distribution



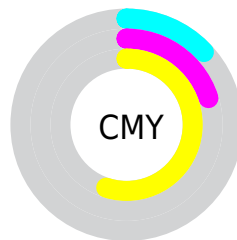
- Red (87%)
- Green (80%)
- Blue (45%)



- Red (53%)
- Yellow (87%)
- Blue (45%)



- Cyan (0%)
- Magenta (7%)
- Yellow (48%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 46.956, 97.764 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, 46.956, 97.764 by changing the saturation by 10% instead.

 82, 46.956, 97.764

 82, 46.956, 97.764

 100, 46.956,
97.764

 72, 46.956, 97.764

 62, 46.956, 97.764

 52, 46.956, 97.764

 42, 46.956, 97.764

 32, 46.956, 97.764

 22, 46.956, 97.764

 12, 46.956, 97.764

 2, 46.956, 97.764

 0, 46.956, 97.764

82, 46.956, 97.764

82, 46.956, 97.764

81, 56.051, 96.616

83, 37.398, 98.925

80, 64.303, 95.480

84, 27.608,
100.078

79, 71.157, 94.361

86, 17.726,
101.214

78, 75.936, 93.246

77, 78.221, 92.100

87, 7.834, 102.319

77, 78.552, 91.864

88, 2.020, 283.489

90, 11.812,
284.474

91, 13.971,
281.087

92, 12.494,
274.399

93, 11.228,

Harmonies

Complementary

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



82, 46.956, 97.764



57, 51.251, 290.849

Rectangle

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



82, 46.956, 97.764



82, 46.956, 147.764



82, 46.956, 277.764



82, 46.956, 327.764

Sweetspot

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



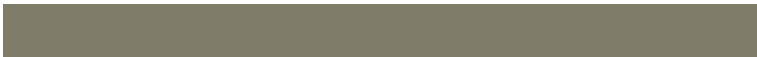
82, 46.957, 97.767



98, 15.509, 101.644



61, 44.048, 12.326



52, 10.712, 101.401



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, 46.957, 97.767



92, 62.935, 96.558



84, 55.583, 120.457



46, 5.558, 102.159



62, 65.624, 92.065



16, 22.828, 94.839

Inverse Universe

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



57, 51.251, 290.849



58, 70.988, 293.368



56, 61.436, 306.416



43, 5.640, 284.302



23, 91.635, 303.759



3, 26.526, 291.441

Previews

White Background



This preview shows how the CIELCh color 82, 46.956, 97.764 looks on a white background.

Color Contrast Check

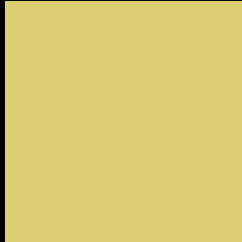
Large Text (above 18pt) WCAG AA × Fail

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, 46.956, 97.764 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, 46.956, 97.764

Background



This preview shows how black text looks on a background with the CIELCh color 82, 46.956, 97.764.



This preview shows how white text looks on a background with the CIELCh color 82, 46.956, 97.764.

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, 46.956, 97.764

Protanopia

82, 46.811, 95.659

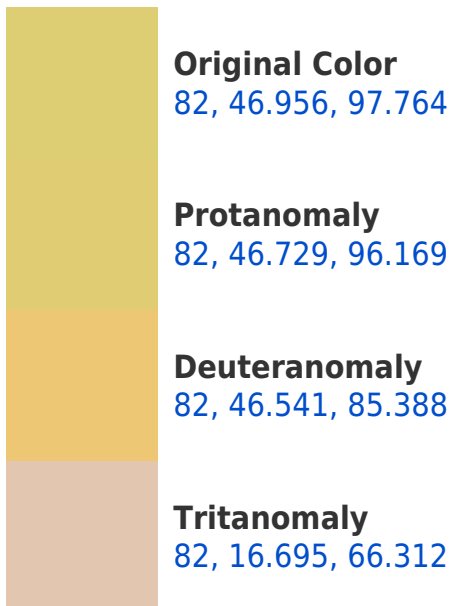
Deuteranopia

82, 47.170, 77.803



Tritanopia
82, 15.771, 350.568

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 46.956, 97.764 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(221, 205, 115)` looks like.

```
.text, #text, p{  
    color:rgb(221, 205, 115)  
}
```

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(221, 205, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 205, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 46.956, 97.764 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(221, 205, 115) }
```

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

```
.border{ border-color:rgb(221, 205, 115) }
```

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

Here you see how a box with a 4 pixel rgb(221, 205, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 205, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 205, 115);  
box-shadow:4px 4px 4px 4px rgb(221, 205,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 46.956, 97.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 205, 115) }
```

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

```
.background{ background-color: rgb(221,  
205, 115) }
```

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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