

Converting Colors

CIELCh(82, 58.204, 97.367)

Have a look what the booklet for
CIELCh(82, 58.204, 97.367) contains.

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Color

CIELCh(82, 58.204, 97.367)

Conversions

Conversions Part 1

Format	Color
Hex	DFCD5B
RGB	223, 205, 91
RGB Percent	87%, 80%, 36%
CMY	0.1243, 0.1949, 0.6420
CMYK	0.00, 0.08, 0.59, 0.12
HSL	52°, 68%, 62%
HSV	52°, 59%, 88%
XYZ	54.3272, 60.2982, 18.7360
YIQ	197.3860, 47.3220, -31.6380

Conversions

Conversions Part 2

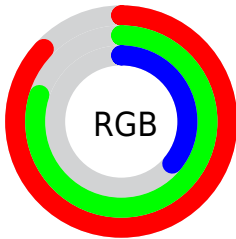
Format	Color
RYB	112, 223, 91
Decimal	14667099
CIELab	82.00, -7.46, 57.72
CIELCh	82, 58.204, 97.367
Yxy	60.2982, 0.4074, 0.4521
Android (android.graphics.Color)	4292857179 (0xFFDFCD5B)
YUV	197.3860, -52.4483, 22.4635
Hunter-Lab	77.6519, -11.0077, 40.0508

Details

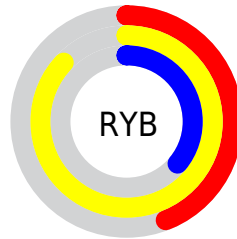
The CIELCh color **82, 58.204, 97.367** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **50, 66.255, 294.207**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 54.455, 106.010**, and **62, 58.249, 97.293** is the 20% darker color. If you saturate the color by 10%, you get **81, 66.417, 96.277**, and if you desaturate by 10%, it is **83, 49.053, 98.489**.

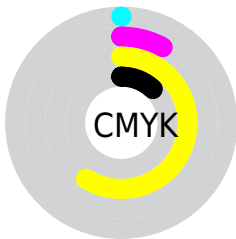
Distribution



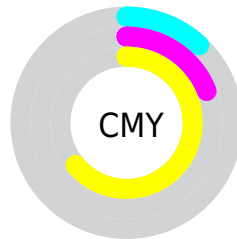
- Red (87%)
- Green (80%)
- Blue (36%)



- Red (44%)
- Yellow (87%)
- Blue (36%)



- Cyan (0%)
- Magenta (8%)
- Yellow (59%)
- Black (12%)



- Cyan (12%)
- Magenta (19%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 58.204, 97.367 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, 58.204, 97.367 by changing the saturation by 10% instead.

 82, 58.204, 97.367

 82, 58.204, 97.367

 100, 58.204,
97.367

 72, 58.204, 97.367

 62, 58.204, 97.367

 52, 58.204, 97.367

 42, 58.204, 97.367

 32, 58.204, 97.367

 22, 58.204, 97.367

 12, 58.204, 97.367

 2, 58.204, 97.367

 0, 58.204, 97.367

82, 58.204, 97.367

82, 58.204, 97.367

81, 66.417, 96.277

83, 49.053, 98.489

80, 73.108, 95.215

84, 39.367, 99.622

79, 77.609, 94.176

85, 29.403,
100.757

78, 79.673, 93.132

86, 19.317,
101.879

78, 79.814, 93.041

88, 9.200, 102.975

89, 0.894, 284.213

90, 10.935,
285.112

91, 13.258,
281.914

92, 11.889,
275.602

Harmonies

Complementary

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



82, 58.204, 97.367



50, 66.255, 294.207

Rectangle

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



82, 58.204, 97.367



82, 58.204, 147.367



82, 58.204, 277.367



82, 58.204, 327.367

Sweetspot

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



82, 58.205, 97.370



97, 20.248, 101.989



57, 55.360, 16.379



52, 14.072, 101.663



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, 58.205, 97.370



91, 75.381, 96.019



83, 67.959, 120.718



47, 5.750, 102.940



63, 66.880, 93.213



17, 24.526, 95.614

Inverse Universe

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



50, 66.255, 294.207



49, 90.507, 297.500



50, 77.094, 307.809



44, 5.840, 285.061



23, 93.846, 304.138



3, 28.656, 292.865

Previews

White Background



This preview shows how the CIELCh color 82, 58.204, 97.367 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, 58.204, 97.367 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, 58.204, 97.367

Background



This preview shows how black text looks on a background with the CIELCh color 82, 58.204, 97.367.



This preview shows how white text looks on a background with the CIELCh color 82, 58.204, 97.367.

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, 58.204, 97.367

Protanopia

82, 58.080, 95.640

Deuteranopia

82, 58.054, 79.638



Tritanopia
82, 17.092, 353.254

Trichromacy



Original Color
82, 58.204, 97.367

Protanomaly
82, 58.001, 96.060

Deuteranomaly
82, 57.424, 85.843

Tritanomaly
82, 21.120, 70.302

Monochromacy



Original Color
82, 58.204, 97.367

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 22.277, 102.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 58.204, 97.367 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(223, 205, 91)` looks like.

```
.text, #text, p{  
    color:rgb(223, 205, 91)  
}
```

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(223, 205, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 205, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 58.204, 97.367 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(223, 205, 91) }
```

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

```
.border{ border-color:rgb(223, 205, 91) }
```

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

Here you see how a box with a 4 pixel rgb(223, 205, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 205, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 205, 91);  
box-shadow:4px 4px 4px 4px rgb(223, 205,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 58.204, 97.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 205, 91) }
```

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

```
.background{ background-color: rgb(223,  
205, 91) }
```

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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