

Converting Colors

CIELCh(78, 41.644, 97.294)

Have a look what the booklet for
CIELCh(78, 41.644, 97.294) contains.

CIELCh(78, 41.865, 97.610)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(78, 41.865, 97.610)

Conversions

Conversions Part 1

Format	Color
Hex	D1C273
RGB	209, 194, 115
RGB Percent	82%, 76%, 45%
CMY	0.1815, 0.2402, 0.5500
CMYK	0.00, 0.07, 0.45, 0.18
HSL	50°, 50%, 63%
HSV	50°, 45%, 82%
XYZ	48.5285, 53.2120, 23.8571
YIQ	189.4790, 34.2990, -21.3890

Conversions

Conversions Part 2

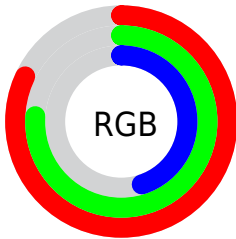
Format	Color
RYB	133, 209, 115
Decimal	13746803
CIELab	78.00, -5.54, 41.50
CIElCh	78, 41.865, 97.610
Yxy	53.2120, 0.3864, 0.4237
Android (android.graphics.Color)	4291936883 (0xFFD1C273)
YUV	189.4790, -36.7181, 17.1199
Hunter-Lab	72.9466, -8.9074, 31.6719

Details

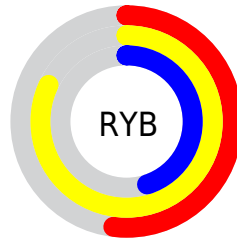
The CIELCh color **78, 41.865, 97.610** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **56, 45.185, 289.748**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 41.253, 104.259**, and **58, 41.845, 97.721** is the 20% darker color. If you saturate the color by 10%, you get **77, 50.676, 96.446**, and if you desaturate by 10%, it is **79, 32.709, 98.780**.

Distribution



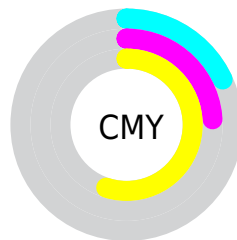
- Red (82%)
- Green (76%)
- Blue (45%)



- Red (52%)
- Yellow (82%)
- Blue (45%)



- Cyan (0%)
- Magenta (7%)
- Yellow (45%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 41.865, 97.610 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 78, 41.865, 97.610 by changing the saturation by 10% instead.

 78, 41.865, 97.610

 78, 41.865, 97.610

 100, 41.865,
97.610

 68, 41.865, 97.610

 98, 41.865, 97.610

 58, 41.865, 97.610

 48, 41.865, 97.610

 38, 41.865, 97.610

 28, 41.865, 97.610

 18, 41.865, 97.610

 8, 41.865, 97.610

 0, 41.865, 97.610

 78, 41.865, 97.610

 78, 41.865, 97.610

77, 50.676, 96.446

79, 32.709, 98.780

76, 58.832, 95.287

80, 23.392, 99.937

75, 65.862, 94.139

82, 14.025,
101.071

74, 71.140, 92.990

83, 4.671, 102.161

73, 74.074, 91.805

84, 4.634, 283.296

72, 74.911, 91.202

86, 13.870,
284.310

87, 20.000,
283.926

88, 18.402,
279.584

89, 16.927,
274.480

Harmonies

Complementary

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



78, 41.865, 97.610



56, 45.185, 289.748

Rectangle

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



78, 41.865, 97.610



78, 41.865, 147.610



78, 41.865, 277.610



78, 41.865, 327.610

Sweetspot

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



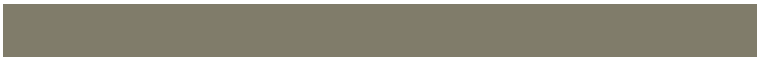
78, 41.866, 97.614



98, 15.374, 101.167



59, 39.305, 11.680



52, 10.619, 100.923



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 41.866, 97.614



92, 58.541, 96.493



80, 50.011, 120.602



43, 5.296, 101.692



59, 63.905, 91.399



13, 19.803, 94.861

Inverse Universe

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



56, 45.185, 289.748



61, 64.895, 291.956



55, 54.848, 306.156



41, 5.372, 283.838



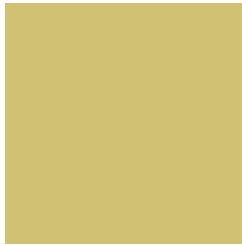
22, 88.794, 303.483



3, 22.748, 289.165

Previews

White Background



This preview shows how the CIELCh color 78, 41.865, 97.610 looks on a white background.

Color Contrast Check

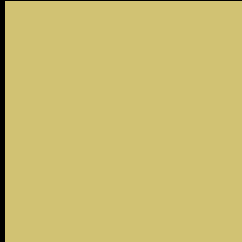
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 41.865, 97.610 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 78, 41.865, 97.610

Background



This preview shows how black text looks on a background with the CIELCh color 78, 41.865, 97.610.



This preview shows how white text looks on a background with the CIELCh color 78, 41.865, 97.610.

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

78, 41.865, 97.610

Protanopia

78, 42.130, 95.874

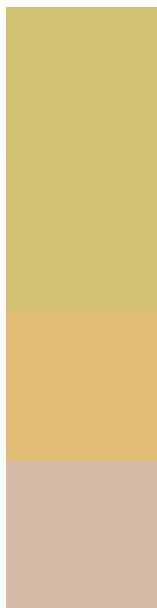
Deuteranopia

78, 41.971, 76.135



Tritanopia
78, 14.375, 349.319

Trichromacy



Original Color
78, 41.865, 97.610

Protanomaly
78, 42.048, 96.443

Deuteranomaly
78, 41.412, 84.182

Tritanomaly
78, 14.832, 65.637

Monochromacy



Original Color
78, 41.865, 97.610

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 15.590, 101.511

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 41.865, 97.610 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(209, 194, 115)` looks like.

```
.text, #text, p{  
    color:rgb(209, 194, 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(209, 194, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 194, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 41.865, 97.610 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(209, 194, 115) }
```

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

```
.border{ border-color:rgb(209, 194, 115) }
```

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

Here you see how a box with a 4 pixel rgb(209, 194, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 194, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 194, 115);  
box-shadow:4px 4px 4px 4px rgb(209, 194,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 41.865, 97.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 194, 115) }
```

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

```
.background{ background-color: rgb(209,  
194, 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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