

Converting Colors

CIELCh(78, 43.904, 92.988)

Have a look what the booklet for
CIELCh(78, 43.904, 92.988) contains.

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Color

CIELCh(78, 44.109, 93.298)

Conversions

Conversions Part 1

Format	Color
Hex	D7C06E
RGB	215, 192, 110
RGB Percent	84%, 75%, 43%
CMY	0.1573, 0.2474, 0.5690
CMYK	0.00, 0.11, 0.49, 0.16
HSL	47°, 57%, 64%
HSV	47°, 49%, 84%
XYZ	49.6321, 53.2120, 22.3811
YIQ	189.5290, 40.0300, -20.6260

Conversions

Conversions Part 2

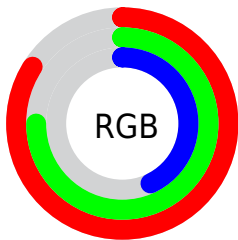
Format	Color
RYB	139, 215, 110
Decimal	14139502
CIELab	78.00, -2.54, 44.04
CIELCh	78, 44.109, 93.298
Yxy	53.2120, 0.3963, 0.4249
Android (android.graphics.Color)	4292329582 (0xFFD7C06E)
YUV	189.5290, -39.2078, 22.3381
Hunter-Lab	72.9466, -6.2069, 32.8716

Details

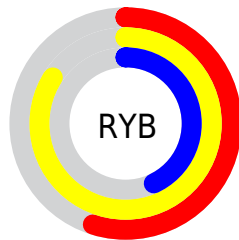
The CIELCh color **78, 44.109, 93.298** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **57, 46.868, 287.464**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 42.818, 103.144**, and **58, 43.952, 93.511** is the 20% darker color. If you saturate the color by 10%, you get **77, 52.706, 92.013**, and if you desaturate by 10%, it is **80, 35.166, 94.569**.

Distribution



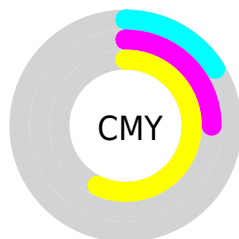
- Red (84%)
- Green (75%)
- Blue (43%)



- Red (55%)
- Yellow (84%)
- Blue (43%)



- Cyan (0%)
- Magenta (11%)
- Yellow (49%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 44.109, 93.298 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, 44.109, 93.298 by changing the saturation by 10% instead.

 78, 44.109, 93.298

 78, 44.109, 93.298

 100, 44.109,
93.298

 68, 44.109, 93.298

 98, 44.109, 93.298

 58, 44.109, 93.298

 48, 44.109, 93.298

 38, 44.109, 93.298

 28, 44.109, 93.298

 18, 44.109, 93.298

 8, 44.109, 93.298

 0, 44.109, 93.298

 78, 44.109, 93.298

 78, 44.109, 93.298

77, 52.706, 92.013

80, 35.166, 94.569

75, 60.601, 90.696

81, 26.086, 95.814

74, 67.242, 89.327

83, 16.988, 97.029

73, 71.913, 87.852

84, 7.937, 98.202

71, 74.219, 86.204

86, 1.033, 279.541

71, 74.434, 86.013

88, 9.906, 280.489

90, 15.961,
279.440

91, 13.964,
270.706

92, 12.385,
259.501

Harmonies

Complementary

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



78, 44.109, 93.298



57, 46.868, 287.464

Rectangle

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



78, 44.109, 93.298



78, 44.109, 143.298



78, 44.109, 273.298



78, 44.109, 323.298

Sweetspot

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



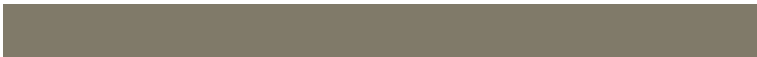
78, 44.110, 93.302



97, 15.502, 97.470



59, 44.018, 7.437



51, 10.587, 97.217



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, 44.110, 93.302



89, 60.651, 91.919



82, 54.569, 117.633



44, 5.076, 98.137



58, 62.823, 86.318



14, 20.019, 89.698

Inverse Universe

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



57, 46.868, 287.464



60, 66.189, 290.201



53, 61.070, 304.522



42, 5.127, 280.402



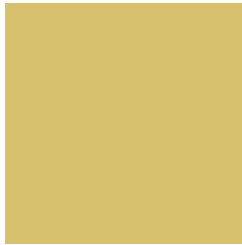
25, 84.427, 301.631



3, 23.455, 288.474

Previews

White Background



This preview shows how the CIELCh color 78, 44.109, 93.298 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, 44.109, 93.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

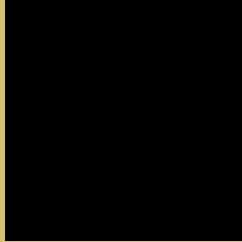
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 44.109, 93.298

Background



This preview shows how black text looks on a background with the CIELCh color 78, 44.109, 93.298.



This preview shows how white text looks on a background with the CIELCh color 78, 44.109, 93.298.

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, 44.109, 93.298

Protanopia

78, 44.178, 95.566

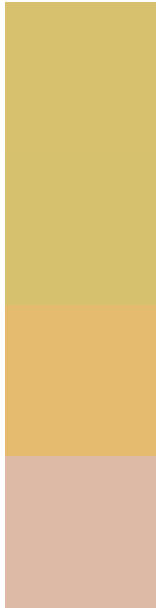
Deuteranopia

78, 44.491, 76.976



Tritanopia
78, 17.054, 354.960

Trichromacy



Original Color
78, 44.109, 93.298

Protanomaly
78, 44.267, 95.024

Deuteranomaly
78, 44.089, 82.836

Tritanomaly
78, 17.646, 59.293

Monochromacy



Original Color
78, 44.109, 93.298

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 16.318, 97.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 44.109, 93.298 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(215, 192, 110)` looks like.

```
.text, #text, p{  
    color:rgb(215, 192, 110)  
}
```

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(215, 192, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 192, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 44.109, 93.298 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(215, 192, 110) }
```

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

```
.border{ border-color:rgb(215, 192, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 192, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 192, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 192, 110);  
box-shadow:4px 4px 4px 4px rgb(215, 192,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 44.109, 93.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 192, 110) }
```

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

```
.background{ background-color: rgb(215,  
192, 110) }
```

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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