

Converting Colors

CIELCh(78, 42.052, 91.125)

Have a look what the booklet for
CIELCh(78, 42.052, 91.125) contains.

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Color

CIELCh(78, 42.052, 91.125)

Conversions

Conversions Part 1

Format	Color
Hex	D9BF72
RGB	217, 191, 114
RGB Percent	85%, 75%, 45%
CMY	0.1491, 0.2511, 0.5530
CMYK	0.00, 0.12, 0.47, 0.15
HSL	45°, 58%, 65%
HSV	45°, 47%, 85%
XYZ	50.2679, 53.2120, 23.5335
YIQ	189.9960, 40.2130, -18.4350

Conversions

Conversions Part 2

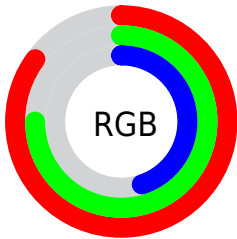
Format	Color
RYB	149, 217, 114
Decimal	14270322
CIELab	78.00, -0.83, 42.04
CIELCh	78, 42.052, 91.125
Yxy	53.2120, 0.3958, 0.4189
Android (android.graphics.Color)	4292460402 (0xFFD9BF72)
YUV	189.9960, -37.4660, 23.6825
Hunter-Lab	72.9466, -4.6512, 31.9349

Details

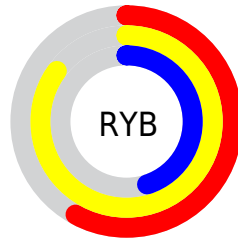
The CIELCh color **78, 42.052, 91.125** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **59, 43.839, 285.166**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 40.434, 102.561**, and **58, 41.947, 91.302** is the 20% darker color. If you saturate the color by 10%, you get **76, 50.679, 89.783**, and if you desaturate by 10%, it is **80, 33.179, 92.442**.

Distribution



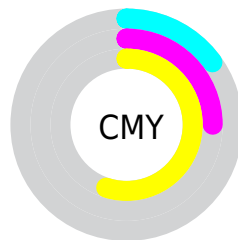
- Red (85%)
- Green (75%)
- Blue (45%)



- Red (58%)
- Yellow (85%)
- Blue (45%)



- Cyan (0%)
- Magenta (12%)
- Yellow (47%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 42.052, 91.125 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, 42.052, 91.125 by changing the saturation by 10% instead.

■ 78, 42.052, 91.125

■ 78, 42.052, 91.125

■ 100, 42.052,
91.125

■ 68, 42.052, 91.125

■ 98, 42.052, 91.125

■ 58, 42.052, 91.125

■ 48, 42.052, 91.125

■ 38, 42.052, 91.125

■ 28, 42.052, 91.125

■ 18, 42.052, 91.125

■ 8, 42.052, 91.125

■ 0, 42.052, 91.125

■ 78, 42.052, 91.125

■ 78, 42.052, 91.125

76, 50.679, 89.783

80, 33.179, 92.442

75, 58.737, 88.394

82, 24.238, 93.724

73, 65.709, 86.926

83, 15.331, 94.970

72, 70.867, 85.310

85, 6.509, 96.165

70, 73.587, 83.443

87, 2.204, 277.456

70, 74.098, 82.955

89, 10.798,
278.506

91, 13.857,
273.898

92, 11.904,
260.891

94, 10.755,
244.160

Harmonies

Complementary

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



78, 42.052, 91.125



59, 43.839, 285.166

Rectangle

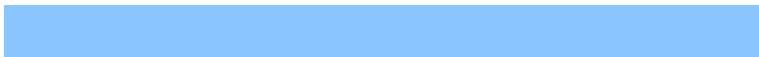
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 42.052, 91.125



78, 42.052, 141.125



78, 42.052, 271.125



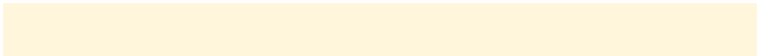
78, 42.052, 321.125

Sweetspot

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



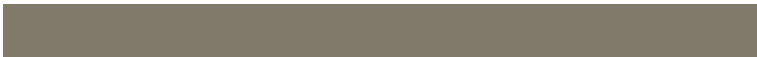
78, 42.053, 91.129



97, 13.977, 95.377



61, 43.290, 4.651



51, 9.663, 95.112



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, 42.053, 91.129



88, 57.299, 89.776



83, 53.251, 116.268



45, 4.998, 95.936



57, 62.761, 83.305



14, 20.764, 86.517

Inverse Universe

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



59, 43.839, 285.166



63, 60.910, 287.744



54, 59.626, 303.408



43, 5.035, 278.270



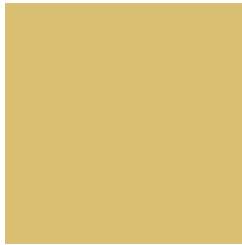
26, 81.985, 300.367



4, 24.494, 288.576

Previews

White Background



This preview shows how the CIELCh color 78, 42.052, 91.125 looks on a white background.

Color Contrast Check

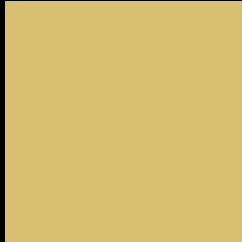
Large Text (above 18pt) WCAG AA × Fail

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, 42.052, 91.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

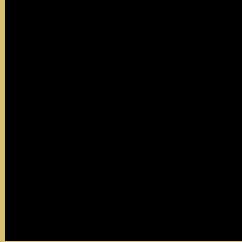
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 42.052, 91.125

Background



This preview shows how black text looks on a background with the CIELCh color 78, 42.052, 91.125.

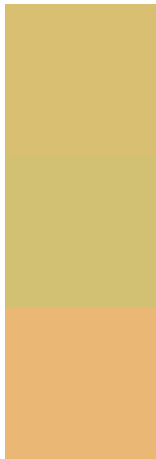


This preview shows how white text looks on a background with the CIELCh color 78, 42.052, 91.125.

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, 42.052, 91.125

Protanopia

78, 41.637, 95.808

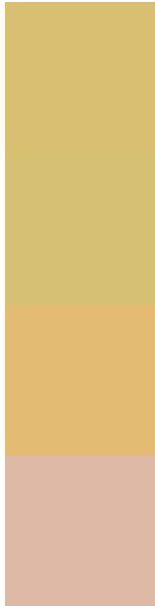
Deuteranopia

78, 42.428, 76.412



Tritanopia
78, 18.102, 356.678

Trichromacy



Original Color
78, 42.052, 91.125

Protanomaly
78, 41.456, 93.984

Deuteranomaly
78, 42.203, 82.026

Tritanomaly
78, 17.951, 54.439

Monochromacy



Original Color
78, 42.052, 91.125

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 15.454, 94.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 42.052, 91.125 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(217, 191, 114)` looks like.

```
.text, #text, p{  
    color:rgb(217, 191, 114)  
}
```

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(217, 191, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 191, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 42.052, 91.125 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(217, 191, 114) }
```

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

```
.border{ border-color:rgb(217, 191, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 191, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 191, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 191, 114);  
box-shadow:4px 4px 4px 4px rgb(217, 191,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 42.052, 91.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 191, 114) }
```

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

```
.background{ background-color: rgb(217,  
191, 114) }
```

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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