

Converting Colors

CIELCh(78, 79.221, 97.731)

Have a look what the booklet for
CIELCh(78, 79.221, 97.731) contains.

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Color

CIELCh(78, 79.326, 97.761)

Conversions

Conversions Part 1

Format	Color
Hex	D4C404
RGB	212, 196, 4
RGB Percent	83%, 77%, 2%
CMY	0.1706, 0.2331, 0.9857
CMYK	0.00, 0.08, 0.98, 0.17
HSL	55°, 97%, 42%
HSV	55°, 98%, 83%
XYZ	46.6700, 53.2120, 7.9151
YIQ	178.8960, 71.1680, -56.3200

Conversions

Conversions Part 2

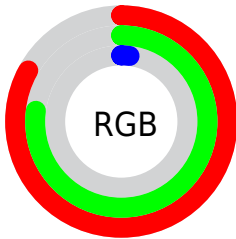
Format	Color
RYB	21, 212, 4
Decimal	13943812
CIELab	78.00, -10.71, 78.60
CIElCh	78, 79.326, 97.761
Yxy	53.2120, 0.4329, 0.4936
Android (android.graphics.Color)	4292133892 (0xFFD4C404)
YUV	178.8960, -86.2237, 29.0322
Hunter-Lab	72.9466, -13.4551, 44.6293

Details

The CIELCh color **78, 79.326, 97.761** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **27, 111.745, 305.266**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 78.617, 103.220**, and **58, 63.172, 98.584** is the 20% darker color. If you saturate the color by 10%, you get **78, 79.618, 97.658**, and if you desaturate by 10%, it is **78, 77.082, 98.402**.

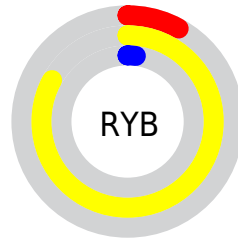
Distribution



Red (83%)

Green (77%)

Blue (2%)



Red (8%)

Yellow (83%)

Blue (2%)

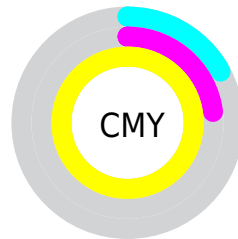


Cyan (0%)

Magenta (8%)

Yellow (98%)

Black (17%)



Cyan (17%)

Magenta (23%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 79.326, 97.761 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, 79.326, 97.761 by changing the saturation by 10% instead.

 78, 79.326, 97.761

 78, 79.326, 97.761

 100, 79.326,
97.761

 68, 79.326, 97.761

 98, 79.326, 97.761

 58, 79.326, 97.761

 48, 79.326, 97.761

 38, 79.326, 97.761

 28, 79.326, 97.761

 18, 79.326, 97.761

 8, 79.326, 97.761

 0, 79.326, 97.761

 78, 79.326, 97.761

 78, 79.326, 97.761

■ 78, 79.618, 97.658

■ 78, 77.082, 98.402

■ 79, 72.521, 99.138

■ 80, 65.882, 99.977

■ 80, 57.747,
100.904

■ 81, 48.645,
101.894

■ 81, 38.960,
102.923

■ 82, 28.945,
103.971

■ 83, 18.758,
105.019

■ 84, 8.497, 106.051

Harmonies

Complementary

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



78, 79.326, 97.761



27, 111.745, 305.266

Rectangle

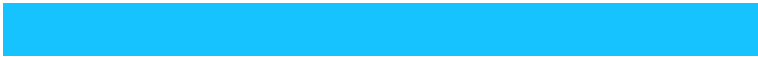
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 79.326, 97.761



78, 79.326, 147.761



78, 79.326, 277.761



78, 79.326, 327.761

Sweetspot

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



78, 79.325, 97.763



97, 34.532, 103.862



44, 86.360, 36.464



51, 23.644, 103.410



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, 79.325, 97.763



92, 91.628, 97.598



77, 91.747, 124.976



44, 5.770, 105.937



63, 67.216, 97.745



15, 21.648, 100.566

Inverse Universe

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



27, 111.745, 305.266



33, 130.457, 305.586



32, 109.599, 310.143



41, 5.879, 287.936



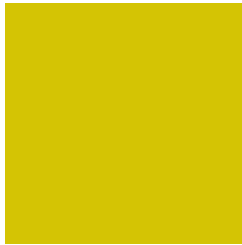
21, 94.394, 305.241



2, 24.190, 291.384

Previews

White Background



This preview shows how the CIELCh color 78, 79.326, 97.761 looks on a white background.

Color Contrast Check

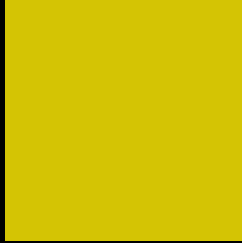
Large Text (above 18pt) WCAG AA × Fail

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 78, 79.326, 97.761 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, 79.326, 97.761

Background



This preview shows how black text looks on a background with the CIELCh color 78, 79.326, 97.761.

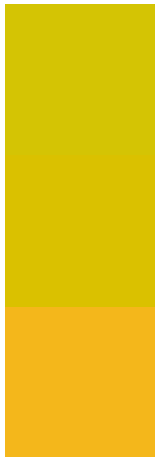


This preview shows how white text looks on a background with the CIELCh color 78, 79.326, 97.761.

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, 79.425, 97.758

Protanopia

78, 79.435, 94.782

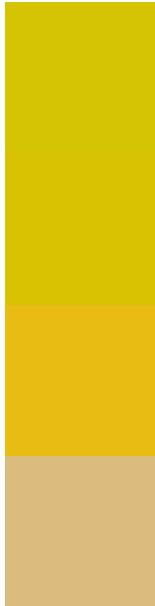
Deuteranopia

78, 77.454, 82.472



Tritanopia
78, 17.054, 354.960

Trichromacy



Original Color
78, 79.425, 97.758

Protanomaly
78, 79.436, 95.776

Deuteranomaly
78, 77.699, 88.347

Tritanomaly
77, 35.254, 84.652

Monochromacy



Original Color
78, 79.425, 97.758

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 36.685, 102.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 79.326, 97.761 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(212, 196, 4)` looks like.

```
.text, #text, p{  
    color:rgb(212, 196, 4)  
}
```

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(212, 196, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 196, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 79.326, 97.761 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(212, 196, 4) }
```

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

```
.border{ border-color:rgb(212, 196, 4) }
```

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

Here you see how a box with a 4 pixel rgb(212, 196, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 196, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 196, 4);  
box-shadow:4px 4px 4px 4px rgb(212, 196,  
4) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 79.326, 97.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 196, 4) }
```

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

```
.background{ background-color: rgb(212,  
196, 4) }
```

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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