

Converting Colors

CIELCh(79, 74.622, 98.455)

Have a look what the booklet for
CIELCh(79, 74.622, 98.455) contains.

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Color

CIELCh(79, 74.806, 98.632)

Conversions

Conversions Part 1

Format	Color
Hex	D5C726
RGB	213, 199, 38
RGB Percent	84%, 78%, 15%
CMY	0.1661, 0.2209, 0.8527
CMYK	0.00, 0.07, 0.82, 0.17
HSL	55°, 70%, 49%
HSV	55°, 82%, 83%
XYZ	48.0301, 54.9284, 9.8673
YIQ	184.8320, 60.0250, -47.1030

Conversions

Conversions Part 2

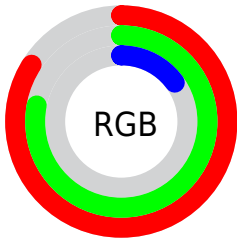
Format	Color
RYB	53, 213, 38
Decimal	14010150
CIELab	79.00, -11.23, 73.96
CIELCh	79, 74.806, 98.632
Yxy	54.9284, 0.4257, 0.4868
Android (android.graphics.Color)	4292200230 (0xFFD5C726)
YUV	184.8320, -72.3882, 24.7033
Hunter-Lab	74.1137, -14.0204, 43.9859

Details

The CIELCh color **79, 74.806, 98.632** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **33, 97.340, 302.255**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 74.053, 104.520**, and **59, 64.063, 99.502** is the 20% darker color. If you saturate the color by 10%, you get **78, 78.402, 97.925**, and if you desaturate by 10%, it is **80, 68.926, 99.445**.

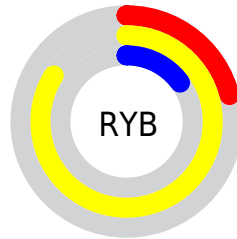
Distribution



Red (84%)

Green (78%)

Blue (15%)



Red (21%)

Yellow (84%)

Blue (15%)

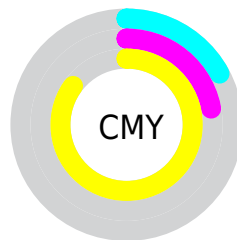


Cyan (0%)

Magenta (7%)

Yellow (82%)

Black (17%)



Cyan (17%)

Magenta (22%)

Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 74.806, 98.632 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 79, 74.806, 98.632 by changing the saturation by 10% instead.

 79, 74.806, 98.632

 79, 74.806, 98.632

 100, 74.806,
98.632

 69, 74.806, 98.632

 99, 74.806, 98.632

 59, 74.806, 98.632

 49, 74.806, 98.632

 39, 74.806, 98.632

 29, 74.806, 98.632

 19, 74.806, 98.632

 9, 74.806, 98.632

 0, 74.806, 98.632

 79, 74.806, 98.632

 79, 74.806, 98.632

■ 78, 78.402, 97.925

■ 80, 68.926, 99.445

■ 78, 79.772, 97.434

■ 80, 61.304,
100.349

■ 81, 52.516,
101.324

■ 82, 43.008,
102.346

■ 82, 33.083,
103.393

■ 83, 22.934,
104.447

■ 84, 12.679,
105.491

■ 85, 2.391, 106.486

■ 86, 7.885, 287.543

Harmonies

Complementary

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



79, 74.806, 98.632



33, 97.340, 302.255

Rectangle

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



79, 74.806, 98.632



79, 74.806, 148.632



79, 74.806, 278.632



79, 74.806, 328.632

Sweetspot

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



79, 74.806, 98.634



97, 29.725, 104.139



47, 75.351, 29.673



52, 20.255, 103.764



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 74.806, 98.634



92, 91.293, 97.436



78, 85.296, 123.550



45, 5.868, 105.791



64, 67.824, 97.521



16, 23.057, 99.979

Inverse Universe

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



33, 97.340, 302.255



34, 129.648, 305.442



37, 99.912, 310.569



41, 5.977, 287.801



21, 95.343, 305.209



2, 26.049, 292.218

Previews

White Background



This preview shows how the CIELCh color 79, 74.806, 98.632 looks on a white background.

Color Contrast Check

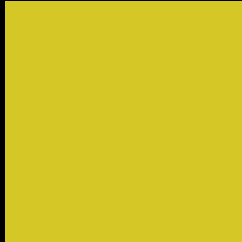
Large Text (above 18pt) WCAG AA × Fail

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 79, 74.806, 98.632 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 79, 74.806, 98.632

Background



This preview shows how black text looks on a background with the CIELCh color 79, 74.806, 98.632.



This preview shows how white text looks on a background with the CIELCh color 79, 74.806, 98.632.

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

79, 74.806, 98.632

Protanopia

79, 74.613, 95.165

Deuteranopia

79, 73.813, 82.331



Tritanopia
79, 16.666, 354.322

Trichromacy



Original Color
79, 74.806, 98.632

Protanomaly
79, 74.684, 96.551

Deuteranomaly
79, 73.582, 88.421

Tritanomaly
79, 29.631, 82.124

Monochromacy



Original Color
79, 74.806, 98.632

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 30.850, 103.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 74.806, 98.632 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(213, 199, 38)` looks like.

```
.text, #text, p{  
    color:rgb(213, 199, 38)  
}
```

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(213, 199, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 199, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 74.806, 98.632 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(213, 199, 38) }
```

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

```
.border{ border-color:rgb(213, 199, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 199, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 199, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 199, 38);  
box-shadow:4px 4px 4px 4px rgb(213, 199,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 74.806, 98.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 199, 38) }
```

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

```
.background{ background-color: rgb(213,  
199, 38) }
```

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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