

Converting Colors

CIELCh(74, 44.928, 78.990)

Have a look what the booklet for
CIELCh(74, 44.928, 78.990) contains.

CIELCh(74, 44.959, 79.027)	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(74, 44.959, 79.027)

Conversions

Conversions Part 1

Format	Color
Hex	DDAE64
RGB	221, 174, 100
RGB Percent	87%, 68%, 39%
CMY	0.1323, 0.3167, 0.6069
CMYK	0.00, 0.21, 0.55, 0.13
HSL	37°, 64%, 63%
HSV	37°, 55%, 87%
XYZ	47.3938, 46.7039, 18.6318
YIQ	179.6170, 51.7660, -13.0500

Conversions

Conversions Part 2

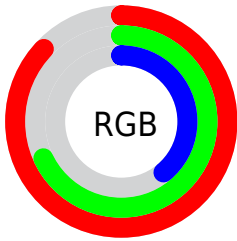
Format	Color
RYB	177, 221, 100
Decimal	14528100
CIELab	74.00, 8.56, 44.14
CIELCh	74, 44.959, 79.027
Yxy	46.7039, 0.4204, 0.4143
Android (android.graphics.Color)	4292718180 (0xFFDDAE64)
YUV	179.6170, -39.2512, 36.2929
Hunter-Lab	68.3403, 4.1937, 31.6738

Details

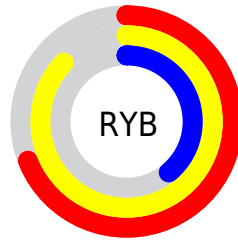
The CIELCh color **74, 44.959, 79.027** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **61, 42.875, 277.242**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 40.794, 92.008**, and **54, 45.054, 79.262** is the 20% darker color. If you saturate the color by 10%, you get **72, 53.404, 77.509**, and if you desaturate by 10%, it is **76, 36.387, 80.479**.

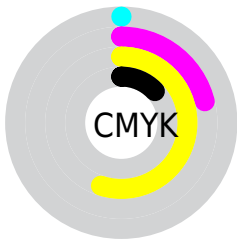
Distribution



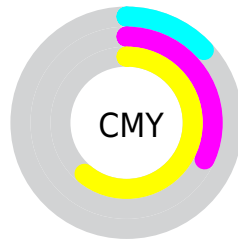
- Red (87%)
- Green (68%)
- Blue (39%)



- Red (69%)
- Yellow (87%)
- Blue (39%)



- Cyan (0%)
- Magenta (21%)
- Yellow (55%)
- Black (13%)



- Cyan (13%)
- Magenta (32%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 44.959, 79.027 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 74, 44.959, 79.027 by changing the saturation by 10% instead.

 74, 44.959, 79.027

 74, 44.959, 79.027

 100, 44.959,
79.027

 64, 44.959, 79.027

 94, 44.959, 79.027

 54, 44.959, 79.027

 44, 44.959, 79.027

 34, 44.959, 79.027

 24, 44.959, 79.027

 14, 44.959, 79.027

 4, 44.959, 79.027

 0, 44.959, 79.027

 74, 44.959, 79.027

 74, 44.959, 79.027

72, 53.404, 77.509

76, 36.387, 80.479

69, 61.325, 75.849

79, 27.895, 81.881

67, 68.038, 73.918

82, 19.581, 83.242

65, 72.619, 71.489

84, 11.484, 84.559

64, 74.316, 70.038

87, 3.614, 85.788

90, 4.037, 267.189

92, 11.427,
268.207

95, 9.466, 239.846

97, 10.349,
208.526

Harmonies

Complementary

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



74, 44.959, 79.027



61, 42.875, 277.242

Rectangle

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



74, 44.959, 79.027



74, 44.959, 129.027



74, 44.959, 259.027



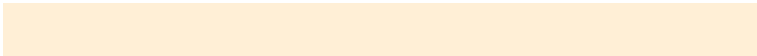
74, 44.959, 309.027

Sweetspot

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



74, 44.959, 79.031



95, 14.054, 84.374



59, 52.315, 356.471



50, 9.517, 84.104



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 44.959, 79.031



81, 61.116, 77.219



85, 60.584, 109.801



45, 4.368, 85.228



51, 61.905, 70.630



12, 18.880, 72.627

Inverse Universe

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



61, 42.875, 277.242



63, 58.424, 280.987



49, 70.567, 300.822



43, 4.339, 267.761



32, 66.469, 293.020



6, 21.219, 282.489

Previews

White Background



This preview shows how the CIELCh color 74, 44.959, 79.027 looks on a white background.

Color Contrast Check

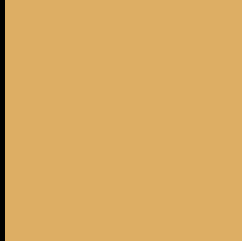
Large Text (above 18pt) WCAG AA × Fail

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 74, 44.959, 79.027 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 74, 44.959, 79.027

Background



This preview shows how black text looks on a background with the CIELCh color 74, 44.959, 79.027.



This preview shows how white text looks on a background with the CIELCh color 74, 44.959, 79.027.

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

74, 44.959, 79.027

Protanopia

74, 42.493, 95.587

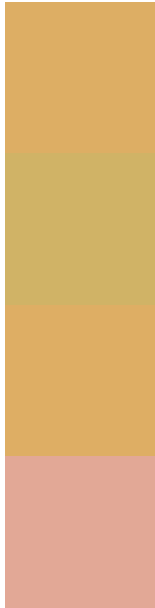
Deuteranopia

74, 45.411, 78.069



Tritanopia
74, 25.232, 5.795

Trichromacy



Original Color
74, 44.959, 79.027

Protanomaly
74, 42.881, 89.105

Deuteranomaly
74, 45.183, 78.546

Tritanomaly
74, 25.883, 42.971

Monochromacy



Original Color
74, 44.959, 79.027

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 16.115, 83.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 44.959, 79.027 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(221, 174, 100)` looks like.

```
.text, #text, p{  
    color:rgb(221, 174, 100)  
}
```

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(221, 174, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 174, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 44.959, 79.027 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(221, 174, 100) }
```

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

```
.border{ border-color:rgb(221, 174, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 174, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 174, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 174, 100);  
box-shadow:4px 4px 4px 4px rgb(221, 174,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 44.959, 79.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 174, 100) }
```

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

```
.background{ background-color: rgb(221,  
174, 100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor