

Converting Colors

CIELCh(79, 18.693, 71.293)

Have a look what the booklet for
CIELCh(79, 18.693, 71.293) contains.

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Color

CIELCh(79, 18.684, 72.239)

Conversions

Conversions Part 1

Format	Color
Hex	DBBFA3
RGB	219, 191, 163
RGB Percent	86%, 75%, 64%
CMY	0.1414, 0.2512, 0.3610
CMYK	0.00, 0.13, 0.26, 0.14
HSL	30°, 44%, 75%
HSV	30°, 26%, 86%
XYZ	54.4183, 54.9284, 42.3570
YIQ	196.1800, 25.6760, -2.7720

Conversions

Conversions Part 2

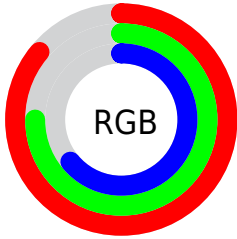
Format	Color
R _Y B	219, 219, 163
Decimal	14401443
CIE Lab	79.00, 5.70, 17.79
CIE LCh	79, 18.684, 72.239
Yxy	54.9284, 0.3587, 0.3621
Android (android.graphics.Color)	4292591523 (0xFFDDBFA3)
YUV	196.1800, -16.3577, 20.0131
Hunter-Lab	74.1137, 1.3654, 17.9945

Details

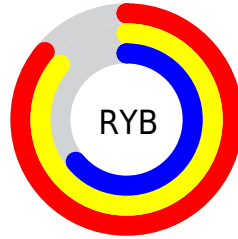
The CIELCh color $79, 18.684, 72.239$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $76, 17.430, 259.300$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 15.034, 97.704$, and $59, 18.757, 73.501$ is the 20% darker color. If you saturate the color by 10%, you get $76, 26.617, 70.989$, and if you desaturate by 10%, it is $82, 11.112, 73.485$.

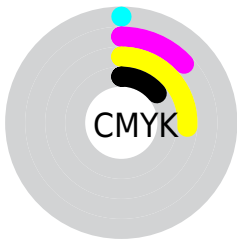
Distribution



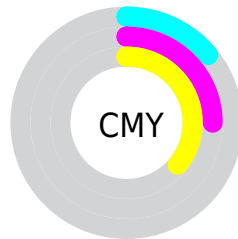
- Red (86%)
- Green (75%)
- Blue (64%)



- Red (86%)
- Yellow (86%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (14%)



- Cyan (14%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 18.684, 72.239 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, 18.684, 72.239 by changing the saturation by 10% instead.

■ 79, 18.684, 72.239

■ 79, 18.684, 72.239

■ 100, 18.684,
72.239

■ 69, 18.684, 72.239

■ 99, 18.684, 72.239

■ 59, 18.684, 72.239

■ 49, 18.684, 72.239

■ 39, 18.684, 72.239

■ 29, 18.684, 72.239

■ 19, 18.684, 72.239

■ 9, 18.684, 72.239

■ 0, 18.684, 72.239

■ 79, 18.684, 72.239

■ 79, 18.684, 72.239

76, 26.617, 70.989

82, 11.112, 73.485

73, 34.901, 69.718

86, 3.883, 74.653

70, 43.480, 68.427

89, 3.029, 256.091

67, 52.198, 67.083

92, 9.656, 257.175

64, 60.710, 65.601

95, 10.086,
227.405

62, 68.345, 63.796

98, 12.146,
198.694

59, 74.062, 61.336

58, 76.145, 60.144

Harmonies

Complementary

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



79, 18.684, 72.239



76, 17.430, 259.300

Rectangle

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



79, 18.684, 72.239



79, 18.684, 122.239



79, 18.684, 252.239



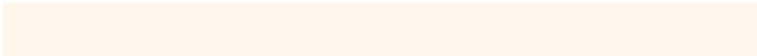
79, 18.684, 302.239

Sweetspot

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



79, 18.684, 72.248



97, 6.345, 74.379



73, 25.757, 345.968



51, 4.526, 74.204



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, 18.684, 72.248



89, 25.979, 71.533



86, 29.003, 107.701



44, 3.997, 74.222



47, 63.776, 60.789



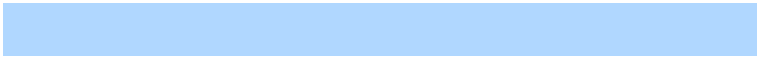
10, 18.352, 59.799

Inverse Universe

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



76, 17.430, 259.300



85, 23.815, 260.409



69, 30.820, 293.214



44, 3.910, 256.717



37, 53.848, 283.852



7, 18.121, 273.805

Previews

White Background



This preview shows how the CIELCh color 79, 18.684, 72.239 looks on a white background.

Color Contrast Check

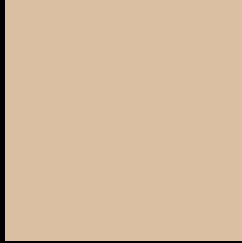
Large Text (above 18pt) WCAG AA × Fail

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, 18.684, 72.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

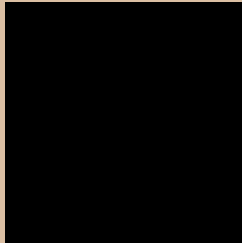
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 18.684, 72.239

Background



This preview shows how black text looks on a background with the CIELCh color 79, 18.684, 72.239.



This preview shows how white text looks on a background with the CIELCh color 79, 18.684, 72.239.

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, 18.684, 72.239

Protanopia

79, 16.510, 93.559

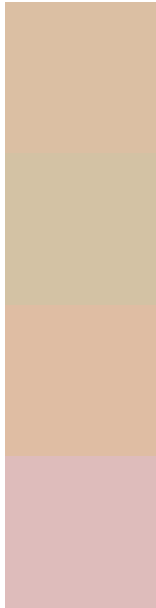
Deuteranopia

79, 20.340, 60.715



Tritanopia
79, 15.648, 352.336

Trichromacy



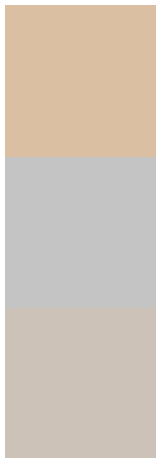
Original Color
79, 18.684, 72.239

Protanomaly
79, 17.315, 85.921

Deuteranomaly
79, 19.501, 64.880

Tritanomaly
79, 12.977, 22.744

Monochromacy



Original Color
79, 18.684, 72.239

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 6.513, 74.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 18.684, 72.239 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(219, 191, 163)` looks like.

```
.text, #text, p{  
    color:rgb(219, 191, 163)  
}
```

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(219, 191, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 191, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 18.684, 72.239 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(219, 191, 163) }
```

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

```
.border{ border-color:rgb(219, 191, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 191, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 191, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 191, 163);  
box-shadow:4px 4px 4px 4px rgb(219, 191,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 18.684, 72.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 191, 163) }
```

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

```
.background{ background-color: rgb(219,  
191, 163) }
```

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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