

Converting Colors

CIELCh(73, 16.288, 87.027)

Have a look what the booklet for
CIELCh(73, 16.288, 87.027) contains.

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Color

CIELCh(73, 16.288, 87.027)

Conversions

Conversions Part 1

Format	Color
Hex	C1B296
RGB	193, 178, 150
RGB Percent	76%, 70%, 59%
CMY	0.2447, 0.3034, 0.4132
CMYK	0.00, 0.08, 0.22, 0.24
HSL	39°, 26%, 67%
HSV	39°, 22%, 76%
XYZ	43.2116, 45.1644, 35.1369
YIQ	179.2930, 17.9280, -5.5280

Conversions

Conversions Part 2

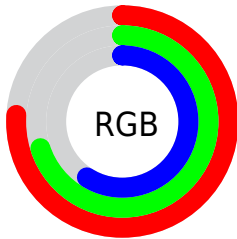
Format	Color
RYB	173, 193, 150
Decimal	12694166
CIELab	73.00, 0.84, 16.27
CIELCh	73, 16.288, 87.027
Yxy	45.1644, 0.3499, 0.3657
Android (android.graphics.Color)	4290884246 (0xFFC1B296)
YUV	179.2930, -14.4414, 12.0210
Hunter-Lab	67.2044, -2.8346, 16.0442

Details

The CIELCh color $73, 16.288, 87.027$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $67, 16.142, 273.122$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 16.543, 87.578$, and $53, 16.184, 86.168$ is the 20% darker color. If you saturate the color by 10%, you get $71, 23.849, 85.705$, and if you desaturate by 10%, it is $75, 8.883, 88.317$.

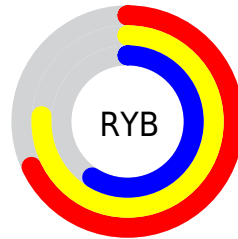
Distribution



Red (76%)

Green (70%)

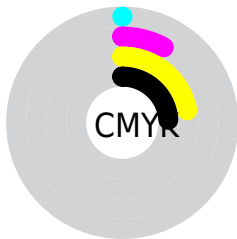
Blue (59%)



Red (68%)

Yellow (76%)

Blue (59%)

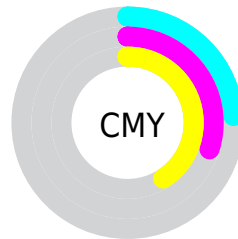


Cyan (0%)

Magenta (8%)

Yellow (22%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 16.288, 87.027 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 73, 16.288, 87.027 by changing the saturation by 10% instead.

■ 73, 16.288, 87.027

■ 73, 16.288, 87.027

■ 100, 16.288,
87.027

■ 63, 16.288, 87.027

■ 93, 16.288, 87.027

■ 53, 16.288, 87.027

■ 43, 16.288, 87.027

■ 33, 16.288, 87.027

■ 23, 16.288, 87.027

■ 13, 16.288, 87.027

■ 3, 16.288, 87.027

■ 0, 16.288, 87.027

■ 73, 16.288, 87.027

■ 73, 16.288, 87.027

71, 23.849, 85.705

75, 8.883, 88.317

69, 31.528, 84.334

77, 1.644, 89.447

67, 39.242, 82.919

80, 5.431, 270.845

65, 46.823, 81.444

82, 12.350,
271.974

63, 53.959, 79.866

84, 19.124,
273.069

61, 60.117, 78.096

59, 64.545, 75.971

86, 20.844,
268.664

58, 66.796, 74.100

88, 18.649,
257.637

90, 17.283,
244.434

92, 16.925,
229.989

Harmonies

Complementary

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



73, 16.288, 87.027



67, 16.142, 273.122

Rectangle

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



73, 16.288, 87.027



73, 16.288, 137.027



73, 16.288, 267.027



73, 16.288, 317.027

Sweetspot

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



73, 16.289, 87.035



96, 6.197, 88.953



66, 18.558, 354.825



51, 4.029, 88.881



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



73, 16.289, 87.035



91, 24.491, 86.360



76, 23.010, 114.403



40, 4.095, 88.681



49, 58.398, 74.539



8, 12.343, 76.760

Inverse Universe

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



67, 16.142, 273.122



82, 24.213, 274.030



64, 24.181, 297.975



38, 4.087, 271.137



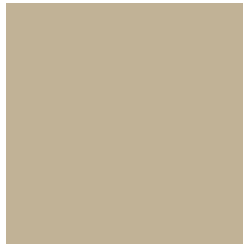
28, 66.793, 295.314



3, 14.880, 279.150

Previews

White Background



This preview shows how the CIELCh color 73, 16.288, 87.027 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 73, 16.288, 87.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

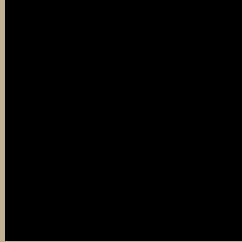
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 16.288, 87.027

Background



This preview shows how black text looks on a background with the CIELCh color 73, 16.288, 87.027.



This preview shows how white text looks on a background with the CIELCh color 73, 16.288, 87.027.

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

73, 16.288, 87.027

Protanopia

73, 16.152, 94.321

Deuteranopia

73, 18.287, 58.349



Tritanopia
73, 12.072, 341.531

Trichromacy



Original Color
73, 16.288, 87.027

Protanomaly
73, 15.873, 91.089

Deuteranomaly
73, 16.890, 67.026

Tritanomaly
73, 8.074, 23.856

Monochromacy



Original Color
73, 16.288, 87.027

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 5.866, 86.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 16.288, 87.027 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(193, 178, 150)` looks like.

```
.text, #text, p{  
    color:rgb(193, 178, 150)  
}
```

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(193, 178, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 178, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 16.288, 87.027 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(193, 178, 150) }
```

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

```
.border{ border-color:rgb(193, 178, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 178, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 178, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 178, 150);  
box-shadow:4px 4px 4px 4px rgb(193, 178,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 16.288, 87.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 178, 150) }
```

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

```
.background{ background-color: rgb(193,  
178, 150) }
```

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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