

Converting Colors

CIELCh(73, 11.459, 87.740)

Have a look what the booklet for
CIELCh(73, 11.459, 87.740) contains.

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Color

CIELCh(73, 11.642, 87.287)

Conversions

Conversions Part 1

Format	Color
Hex	BDB29E
RGB	189, 178, 158
RGB Percent	74%, 70%, 62%
CMY	0.2586, 0.3017, 0.3801
CMYK	0.00, 0.06, 0.16, 0.26
HSL	39°, 19%, 68%
HSV	39°, 16%, 74%
XYZ	43.1126, 45.1644, 38.8219
YIQ	179.0090, 12.9760, -3.8880

Conversions

Conversions Part 2

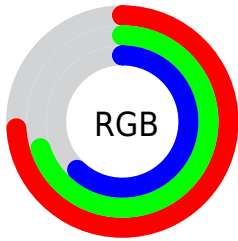
Format	Color
RYB	175, 189, 158
Decimal	12432030
CIELab	73.00, 0.55, 11.63
CIELCh	73, 11.642, 87.287
Yxy	45.1644, 0.3392, 0.3553
Android (android.graphics.Color)	4290622110 (0xFFBDB29E)
YUV	179.0090, -10.3574, 8.7621
Hunter-Lab	67.2044, -3.0974, 12.7932

Details

The CIELCh color **73, 11.642, 87.287** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69, 11.559, 271.662**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 11.522, 88.608**, and **53, 11.215, 86.604** is the 20% darker color. If you saturate the color by 10%, you get **71, 18.969, 85.993**, and if you desaturate by 10%, it is **75, 4.483, 88.534**.

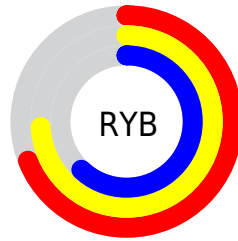
Distribution



Red (74%)

Green (70%)

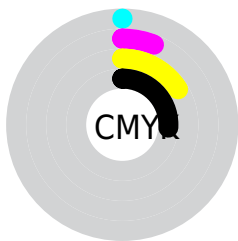
Blue (62%)



Red (69%)

Yellow (74%)

Blue (62%)

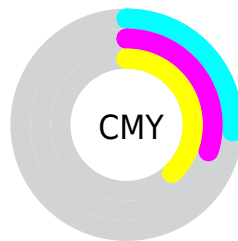


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (26%)



Cyan (26%)

Magenta (30%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 11.642, 87.287 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, 11.642, 87.287 by changing the saturation by 10% instead.

■ 73, 11.642, 87.287

■ 73, 11.642, 87.287

■ 100, 11.642,
87.287

■ 63, 11.642, 87.287

■ 93, 11.642, 87.287

■ 53, 11.642, 87.287

■ 43, 11.642, 87.287

■ 33, 11.642, 87.287

■ 23, 11.642, 87.287

■ 13, 11.642, 87.287

■ 3, 11.642, 87.287

■ 0, 11.642, 87.287

■ 73, 11.642, 87.287

■ 73, 11.642, 87.287

71, 18.969, 85.993

75, 4.483, 88.534

69, 26.444, 84.646

77, 2.509, 269.912

67, 34.017, 83.258

80, 9.340, 271.017

65, 41.583, 81.821

82, 16.020,
272.131

63, 48.930, 80.310

84, 22.562,
273.200

61, 55.676, 78.665

59, 61.201, 76.768

86, 21.123,
265.314

57, 64.785, 74.437

88, 19.148,
254.174

57, 65.880, 73.573

90, 18.014,
241.210

91, 17.861,
227.418

Harmonies

Complementary

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



73, 11.642, 87.287



69, 11.559, 271.662

Rectangle

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



73, 11.642, 87.287



73, 11.642, 137.287



73, 11.642, 267.287



73, 11.642, 317.287

Sweetspot

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



73, 11.643, 87.297



95, 4.314, 88.684



68, 13.428, 353.053



50, 2.945, 88.605



98, 0.011, 296.813



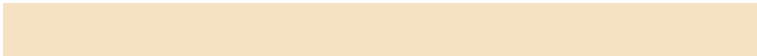
51, 0.007, 296.813

Same Dimension

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



73, 11.643, 87.297



91, 17.602, 86.792



76, 16.667, 114.163



39, 3.982, 88.181



48, 57.712, 74.019



7, 10.841, 76.733

Inverse Universe

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



69, 11.559, 271.662



85, 17.433, 272.290



66, 17.281, 296.797



37, 3.972, 270.636



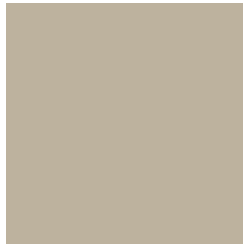
28, 65.268, 294.900



3, 13.228, 277.782

Previews

White Background



This preview shows how the CIELCh color 73, 11.642, 87.287 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, 11.642, 87.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

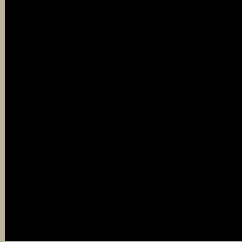
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

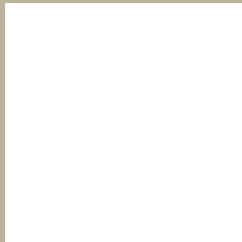
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 11.642, 87.287

Background



This preview shows how black text looks on a background with the CIELCh color 73, 11.642, 87.287.

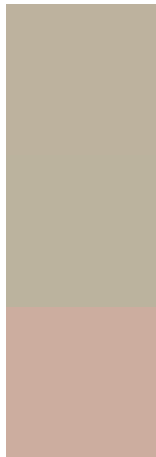


This preview shows how white text looks on a background with the CIELCh color 73, 11.642, 87.287.

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, 11.642, 87.287

Protanopia

73, 11.764, 93.573

Deuteranopia

73, 14.530, 51.439



Tritanopia
73, 10.025, 335.577

Trichromacy



Original Color
73, 11.642, 87.287

Protanomaly
73, 11.875, 91.732

Deuteranomaly
73, 12.896, 61.842

Tritanomaly
73, 6.489, 15.112

Monochromacy



Original Color
73, 11.642, 87.287

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.572, 90.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 11.642, 87.287 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(189, 178, 158)` looks like.

```
.text, #text, p{  
    color:rgb(189, 178, 158)  
}
```

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(189, 178, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 178, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 11.642, 87.287 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(189, 178, 158) }
```

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

```
.border{ border-color:rgb(189, 178, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 178, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 178, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 178, 158);  
box-shadow:4px 4px 4px 4px rgb(189, 178,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 11.642, 87.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 178, 158) }
```

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

```
.background{ background-color: rgb(189,  
178, 158) }
```

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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