

Converting Colors

CIELCh(71, 23.755, 87.301)

Have a look what the booklet for
CIELCh(71, 23.755, 87.301) contains.

CIELCh(71, 23.782, 87.497)	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(71, 23.782, 87.497)

Conversions

Conversions Part 1

Format	Color
Hex	C0AC83
RGB	192, 172, 131
RGB Percent	75%, 67%, 51%
CMY	0.2483, 0.3266, 0.4874
CMYK	0.00, 0.10, 0.32, 0.25
HSL	40°, 33%, 63%
HSV	40°, 32%, 75%
XYZ	40.4320, 42.1875, 27.3822
YIQ	173.3060, 25.0810, -8.5110

Conversions

Conversions Part 2

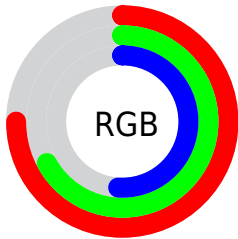
Format	Color
RYB	161, 192, 131
Decimal	12627075
CIELab	71.00, 1.04, 23.76
CIElCh	71, 23.782, 87.497
Yxy	42.1875, 0.3676, 0.3835
Android (android.graphics.Color)	4290817155 (0xFFC0AC83)
YUV	173.3060, -20.8569, 16.3946
Hunter-Lab	64.9519, -2.5510, 20.4711

Details

The CIELCh color $71, 23.782, 87.497$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $62, 23.673, 276.504$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 23.794, 87.331$, and $51, 24.004, 87.327$ is the 20% darker color. If you saturate the color by 10%, you get $69, 31.508, 86.146$, and if you desaturate by 10%, it is $73, 16.152, 88.819$.

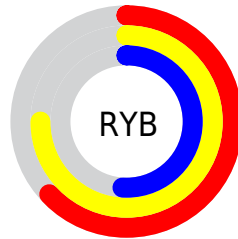
Distribution



Red (75%)

Green (67%)

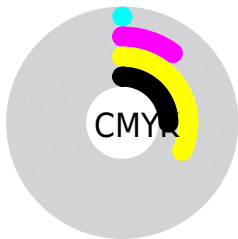
Blue (51%)



Red (63%)

Yellow (75%)

Blue (51%)

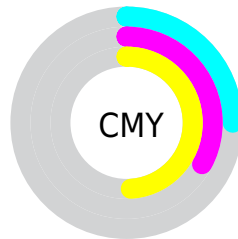


Cyan (0%)

Magenta (10%)

Yellow (32%)

Black (25%)



Cyan (25%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 23.782, 87.497 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 71, 23.782, 87.497 by changing the saturation by 10% instead.

■ 71, 23.782, 87.497

■ 71, 23.782, 87.497

■ 100, 23.782,
87.497

■ 61, 23.782, 87.497

■ 91, 23.782, 87.497

■ 51, 23.782, 87.497

■ 41, 23.782, 87.497

■ 31, 23.782, 87.497

■ 21, 23.782, 87.497

■ 11, 23.782, 87.497

■ 1, 23.782, 87.497

■ 0, 23.782, 87.497

■ 71, 23.782, 87.497

■ 71, 23.782, 87.497

69, 31.508, 86.146

73, 16.152, 88.819

67, 39.239, 84.746

75, 8.654, 90.087

65, 46.806, 83.291

77, 1.305, 91.175

63, 53.897, 81.744

79, 5.893, 272.579

62, 59.986, 80.027

82, 12.948,
273.697

60, 64.345, 77.998

84, 19.867,
274.779

59, 66.612, 76.092

86, 21.811,
271.104

87, 19.565,
261.556

89, 17.973,
250.056

Harmonies

Complementary

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



71, 23.782, 87.497



62, 23.673, 276.504

Rectangle

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



71, 23.782, 87.497



71, 23.782, 137.497



71, 23.782, 267.497



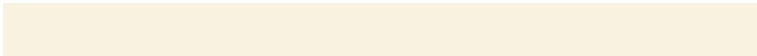
71, 23.782, 317.497

Sweetspot

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



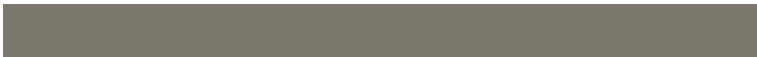
71, 23.783, 87.503



96, 9.072, 90.290



61, 26.464, 357.174



51, 6.198, 90.116



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 23.783, 87.503



89, 35.437, 86.584



76, 32.543, 114.413



40, 4.180, 90.386



50, 58.462, 76.495



8, 12.576, 79.384

Inverse Universe

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



62, 23.673, 276.504



75, 35.281, 277.910



58, 35.014, 299.546



38, 4.182, 272.813



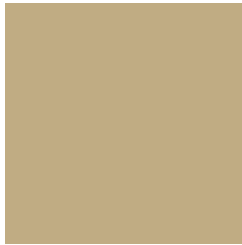
27, 69.082, 296.519



3, 15.150, 280.127

Previews

White Background



This preview shows how the CIELCh color 71, 23.782, 87.497 looks on a white background.

Color Contrast Check

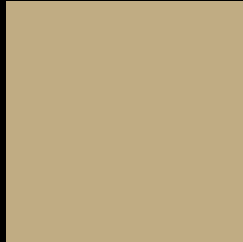
Large Text (above 18pt) WCAG AA × Fail

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 71, 23.782, 87.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

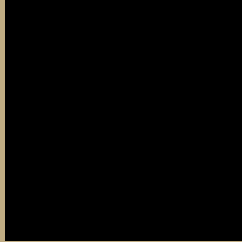
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 23.782, 87.497

Background



This preview shows how black text looks on a background with the CIELCh color 71, 23.782, 87.497.



This preview shows how white text looks on a background with the CIELCh color 71, 23.782, 87.497.

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

71, 23.782, 87.497

Protanopia

71, 23.267, 95.612

Deuteranopia

71, 25.046, 68.861



Tritanopia
71, 14.062, 350.522

Trichromacy



Original Color
71, 23.782, 87.497

Protanomaly
71, 23.080, 92.362

Deuteranomaly
71, 24.066, 75.656

Tritanomaly
71, 11.505, 36.675

Monochromacy



Original Color
71, 23.782, 87.497

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 8.593, 90.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 23.782, 87.497 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(192, 172, 131)` looks like.

```
.text, #text, p{  
    color:rgb(192, 172, 131)  
}
```

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(192, 172, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 172, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 23.782, 87.497 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(192, 172, 131) }
```

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

```
.border{ border-color:rgb(192, 172, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 172, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 172, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 172, 131);  
box-shadow:4px 4px 4px 4px rgb(192, 172,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 23.782, 87.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 172, 131) }
```

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

```
.background{ background-color: rgb(192,  
172, 131) }
```

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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