

Converting Colors

CIELCh(72, 16.087, 82.564)

Have a look what the booklet for
CIELCh(72, 16.087, 82.564) contains.

CIELCh(72, 15.878, 81.625)	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(72, 15.878, 81.625)

Conversions

Conversions Part 1

Format	Color
Hex	C0AE94
RGB	192, 174, 148
RGB Percent	75%, 68%, 58%
CMY	0.2468, 0.3173, 0.4193
CMYK	0.00, 0.09, 0.23, 0.25
HSL	35°, 26%, 67%
HSV	35°, 23%, 75%
XYZ	42.2602, 43.6590, 34.2480
YIQ	176.4180, 19.0740, -4.2700

Conversions

Conversions Part 2

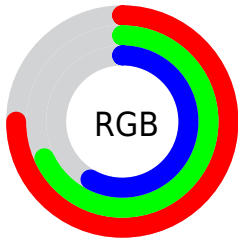
Format	Color
RYB	178, 192, 148
Decimal	12627604
CIELab	72.00, 2.31, 15.71
CIELCh	72, 15.878, 81.625
Yxy	43.6590, 0.3517, 0.3633
Android (android.graphics.Color)	4290817684 (0xFFC0AE94)
YUV	176.4180, -14.0101, 13.6654
Hunter-Lab	66.0750, -1.4662, 15.5213

Details

The CIELCh color $72, 15.878, 81.625$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $68, 15.439, 268.002$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 15.849, 80.566$, and $52, 16.099, 82.545$ is the 20% darker color. If you saturate the color by 10%, you get $70, 23.171, 80.296$, and if you desaturate by 10%, it is $74, 8.804, 82.927$.

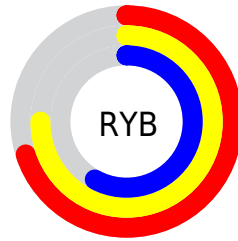
Distribution



Red (75%)

Green (68%)

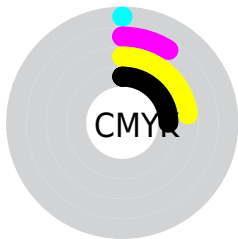
Blue (58%)



Red (70%)

Yellow (75%)

Blue (58%)

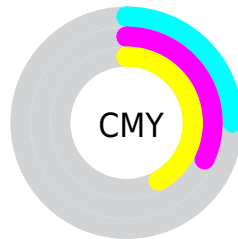


Cyan (0%)

Magenta (9%)

Yellow (23%)

Black (25%)



Cyan (25%)

Magenta (32%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 15.878, 81.625 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 72, 15.878, 81.625 by changing the saturation by 10% instead.

■ 72, 15.878, 81.625

■ 72, 15.878, 81.625

■ 100, 15.878,
81.625

■ 62, 15.878, 81.625

■ 92, 15.878, 81.625

■ 52, 15.878, 81.625

■ 42, 15.878, 81.625

■ 32, 15.878, 81.625

■ 22, 15.878, 81.625

■ 12, 15.878, 81.625

■ 2, 15.878, 81.625

■ 0, 15.878, 81.625

■ 72, 15.878, 81.625

■ 72, 15.878, 81.625

70, 23.171, 80.296

74, 8.804, 82.927

67, 30.660, 78.921

77, 1.947, 84.081

65, 38.279, 77.506

80, 4.704, 265.516

63, 45.884, 76.027

82, 11.164,
266.659

61, 53.187, 74.430

85, 17.450,
267.779

58, 59.660, 72.598

57, 64.514, 70.316

87, 19.747,
263.107

55, 67.025, 68.462

89, 17.744,
248.706

91, 17.044,
232.143

93, 17.764,
215.757

Harmonies

Complementary

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



72, 15.878, 81.625



68, 15.439, 268.002

Rectangle

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



72, 15.878, 81.625



72, 15.878, 131.625



72, 15.878, 261.625



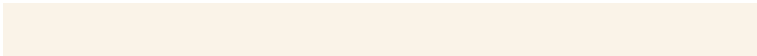
72, 15.878, 311.625

Sweetspot

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



72, 15.879, 81.634



96, 5.854, 83.640



66, 19.702, 350.594



51, 3.807, 83.568



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 15.879, 81.634



90, 23.341, 81.033



76, 23.449, 111.545



40, 3.872, 83.368



47, 58.660, 68.958



7, 11.839, 69.126

Inverse Universe

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



68, 15.439, 268.002



83, 22.554, 268.828



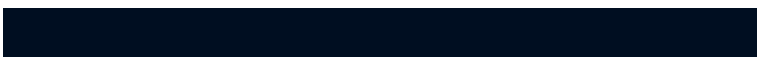
63, 24.717, 295.704



39, 3.837, 265.877



30, 60.183, 291.323



4, 14.076, 275.890

Previews

White Background



This preview shows how the CIELCh color 72, 15.878, 81.625 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 72, 15.878, 81.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

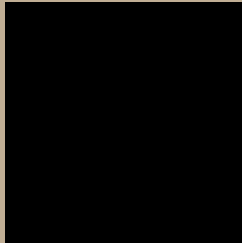
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 15.878, 81.625

Background



This preview shows how black text looks on a background with the CIELCh color 72, 15.878, 81.625.



This preview shows how white text looks on a background with the CIELCh color 72, 15.878, 81.625.

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

72, 15.878, 81.625

Protanopia

72, 15.155, 93.436

Deuteranopia

72, 17.688, 59.959



Tritanopia
72, 12.399, 345.819

Trichromacy



Original Color
72, 15.878, 81.625

Protanomaly
72, 15.027, 88.509

Deuteranomaly
72, 16.538, 65.832

Tritanomaly
72, 9.279, 23.486

Monochromacy



Original Color
72, 15.878, 81.625

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 5.562, 80.722

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 15.878, 81.625 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, 174, 148)` looks like.

```
.text, #text, p{  
    color:rgb(192, 174, 148)  
}
```

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, 174, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 174, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 15.878, 81.625 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, 174, 148) }
```

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

```
.border{ border-color:rgb(192, 174, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 174, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 174, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 174, 148);  
box-shadow:4px 4px 4px 4px rgb(192, 174,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 15.878, 81.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 174, 148) }
```

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

```
.background{ background-color: rgb(192,  
174, 148) }
```

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