

Converting Colors

CIELCh(72, 8.766, 85.366)

Have a look what the booklet for
CIELCh(72, 8.766, 85.366) contains.

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Color

CIELCh(72, 8.527, 82.206)

Conversions

Conversions Part 1

Format	Color
Hex	B9AFA1
RGB	185, 175, 161
RGB Percent	73%, 69%, 63%
CMY	0.2737, 0.3129, 0.3678
CMYK	0.00, 0.05, 0.13, 0.27
HSL	35°, 15%, 68%
HSV	35°, 13%, 73%
XYZ	41.8773, 43.6590, 40.0304
YIQ	176.3940, 10.4540, -2.2340

Conversions

Conversions Part 2

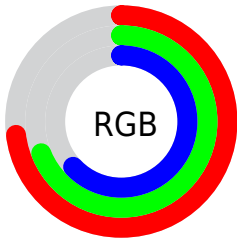
Format	Color
RYB	178, 185, 161
Decimal	12169121
CIELab	72.00, 1.16, 8.45
CIELCh	72, 8.527, 82.206
Yxy	43.6590, 0.3335, 0.3477
Android (android.graphics.Color)	4290359201 (0xFFB9AFA1)
YUV	176.3940, -7.5892, 7.5475
Hunter-Lab	66.0750, -2.5007, 10.3327

Details

The CIELCh color $72, 8.527, 82.206$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 8.397, 265.684$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 8.256, 80.263$, and $52, 8.939, 84.038$ is the 20% darker color. If you saturate the color by 10%, you get $70, 15.361, 80.932$, and if you desaturate by 10%, it is $74, 1.912, 83.370$.

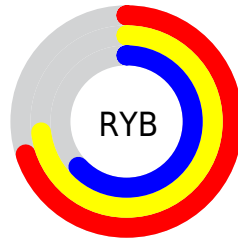
Distribution



Red (73%)

Green (69%)

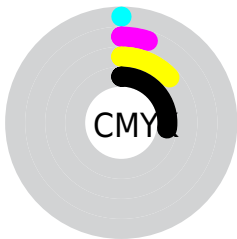
Blue (63%)



Red (70%)

Yellow (73%)

Blue (63%)

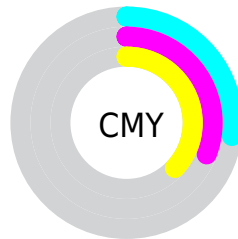


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 8.527, 82.206 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, 8.527, 82.206 by changing the saturation by 10% instead.

 72, 8.527, 82.206

 72, 8.527, 82.206

 100, 8.527, 82.206

 62, 8.527, 82.206

 92, 8.527, 82.206

 52, 8.527, 82.206

 42, 8.527, 82.206

 32, 8.527, 82.206

 22, 8.527, 82.206

 12, 8.527, 82.206

 2, 8.527, 82.206

 0, 8.527, 82.206

 72, 8.527, 82.206

 72, 8.527, 82.206

70, 15.361, 80.932

74, 1.912, 83.370

67, 22.414, 79.600

77, 4.499, 264.806

65, 29.666, 78.233

80, 10.721,
265.947

63, 37.058, 76.826

82, 16.771,
267.065

60, 44.454, 75.357

58, 51.580, 73.772

85, 22.667,
268.139

56, 57.935, 71.952

87, 20.685,
257.424

54, 62.755, 69.681

53, 65.313, 67.868

89, 19.133,
243.648

91, 18.790,
228.614

93, 19.687,
214.150

Harmonies

Complementary

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



72, 8.527, 82.206



70, 8.397, 265.684

Rectangle

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



72, 8.527, 82.206



72, 8.527, 132.206



72, 8.527, 262.206



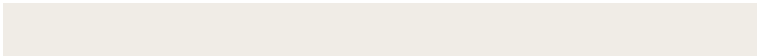
72, 8.527, 312.206

Sweetspot

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



72, 8.528, 82.220



93, 3.193, 83.273



69, 10.687, 349.537



49, 2.272, 83.196



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 8.528, 82.220



90, 13.053, 81.801



74, 12.926, 112.382



38, 3.678, 82.671



45, 57.350, 68.373



6, 9.075, 70.740

Inverse Universe

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



70, 8.397, 265.684



86, 12.789, 266.187



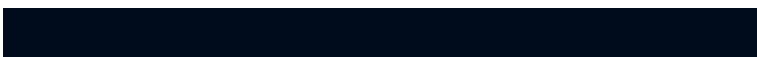
67, 13.308, 294.627



37, 3.642, 265.166



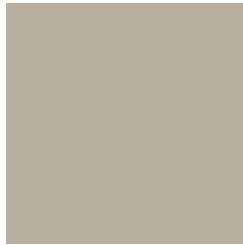
30, 57.813, 290.651



3, 11.019, 273.253

Previews

White Background



This preview shows how the CIELCh color 72, 8.527, 82.206 looks on a white background.

Color Contrast Check

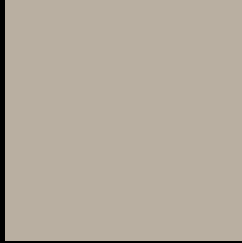
Large Text (above 18pt) WCAG AA × Fail

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, 8.527, 82.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

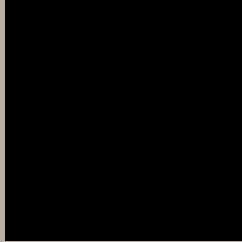
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

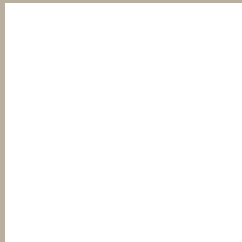
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 8.527, 82.206

Background



This preview shows how black text looks on a background with the CIELCh color 72, 8.527, 82.206.

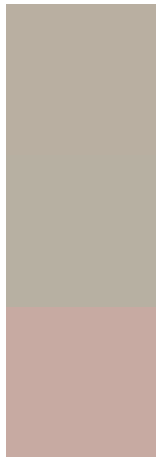


This preview shows how white text looks on a background with the CIELCh color 72, 8.527, 82.206.

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, 8.527, 82.206

Protanopia

72, 8.050, 89.685

Deuteranopia

72, 12.244, 40.915



Tritanopia
72, 9.287, 330.582

Trichromacy



Original Color
72, 8.527, 82.206

Protanomaly
72, 8.189, 87.105

Deuteranomaly
72, 10.209, 51.936

Tritanomaly
72, 5.555, 2.771

Monochromacy



Original Color
72, 8.527, 82.206

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 3.093, 80.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 8.527, 82.206 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(185, 175, 161)` looks like.

```
.text, #text, p{  
    color:rgb(185, 175, 161)  
}
```

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(185, 175, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 175, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 8.527, 82.206 is called "border". The border property can be set on classes, ids or directly on the HTML element.

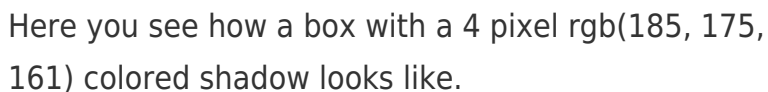
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 175, 161) }
```

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

```
.border{ border-color:rgb(185, 175, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 175, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 175, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 175, 161); box-shadow:4px 4px 4px 4px rgb(185, 175, 161) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 8.527, 82.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 175, 161) }
```

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

```
.background{ background-color: rgb(185,  
175, 161) }
```

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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