

Converting Colors

CIELCh(72, 8.979, 102.899)

Have a look what the booklet for
CIELCh(72, 8.979, 102.899) contains.

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Color

CIELCh(72, 8.740, 101.664)

Conversions

Conversions Part 1

Format	Color
Hex	B4B1A1
RGB	180, 177, 161
RGB Percent	71%, 69%, 63%
CMY	0.2946, 0.3063, 0.3691
CMYK	0.00, 0.02, 0.11, 0.29
HSL	51°, 11%, 67%
HSV	51°, 11%, 71%
XYZ	40.9194, 43.6590, 39.9372
YIQ	176.0730, 6.9240, -4.3400

Conversions

Conversions Part 2

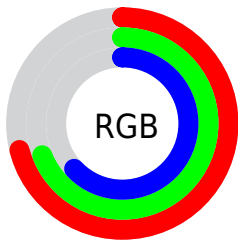
Format	Color
RYB	165, 180, 161
Decimal	11841953
CIELab	72.00, -1.77, 8.56
CIElCh	72, 8.740, 101.664
Yxy	43.6590, 0.3286, 0.3506
Android (android.graphics.Color)	4290032033 (0xFFB4B1A1)
YUV	176.0730, -7.4310, 3.4440
Hunter-Lab	66.0750, -5.0885, 10.4163

Details

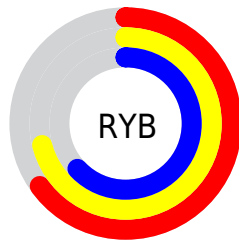
The CIELCh color $72, 8.740, 101.664$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 8.877, 284.061$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 8.811, 102.309$, and $52, 8.754, 100.817$ is the 20% darker color. If you saturate the color by 10%, you get $71, 17.055, 100.568$, and if you desaturate by 10%, it is $73, 0.455, 102.498$.

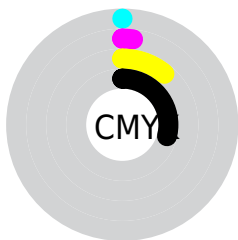
Distribution



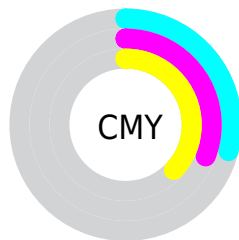
- Red (71%)
- Green (69%)
- Blue (63%)



- Red (65%)
- Yellow (71%)
- Blue (63%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (29%)



- Cyan (29%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 8.740, 101.664 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, 8.740, 101.664 by changing the saturation by 10% instead.

■ 72, 8.740, 101.664

■ 72, 8.740, 101.664

■ 100, 8.740,
101.664

■ 62, 8.740, 101.664

■ 92, 8.740, 101.664

■ 52, 8.740, 101.664

■ 42, 8.740, 101.664

■ 32, 8.740, 101.664

■ 22, 8.740, 101.664

■ 12, 8.740, 101.664

■ 2, 8.740, 101.664

■ 0, 8.740, 101.664

■ 72, 8.740, 101.664

■ 72, 8.740, 101.664

71, 17.055,
100.568

73, 0.455, 102.498

70, 25.354, 99.435

74, 7.781, 283.833

69, 33.562, 98.286

76, 15.952,
284.829

68, 41.555, 97.132

77, 24.051,
285.787

67, 49.120, 95.983

78, 32.077,
286.699

66, 55.925, 94.846

79, 32.774,
285.351

65, 61.485, 93.718

64, 65.238, 92.580

80, 31.315,
283.171

63, 67.169, 91.477

81, 29.905,
280.794

81, 28.550,
278.201

Harmonies

Complementary

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



72, 8.740, 101.664



68, 8.877, 284.061

Rectangle

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



72, 8.740, 101.664



72, 8.740, 151.664



72, 8.740, 281.664



72, 8.740, 331.664

Sweetspot

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



72, 8.741, 101.675



92, 3.068, 102.455



68, 7.533, 6.725



49, 2.326, 102.380



96, 0.011, 296.813



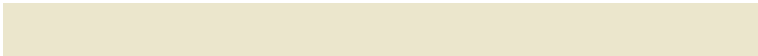
49, 0.007, 296.813

Same Dimension

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



72, 8.741, 101.675



91, 13.363, 101.384



72, 10.583, 122.489



37, 4.656, 101.809



54, 59.672, 91.639



7, 10.472, 98.728

Inverse Universe

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



68, 8.877, 284.061



84, 13.615, 284.398



67, 10.793, 303.633



35, 4.722, 283.909



20, 82.419, 303.354



1, 11.733, 284.726

Previews

White Background



This preview shows how the CIELCh color 72, 8.740, 101.664 looks on a white background.

Color Contrast Check

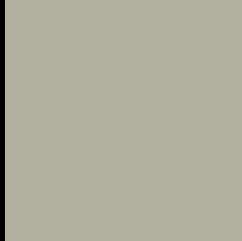
Large Text (above 18pt) WCAG AA × Fail

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, 8.740, 101.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

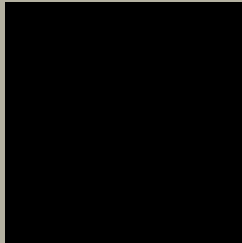
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 8.740, 101.664

Background



This preview shows how black text looks on a background with the CIELCh color 72, 8.740, 101.664.



This preview shows how white text looks on a background with the CIELCh color 72, 8.740, 101.664.

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, 8.740, 101.664

Protanopia

72, 9.082, 91.824

Deuteranopia

72, 12.244, 40.915



Tritanopia
72, 8.684, 318.683

Trichromacy



Original Color
72, 8.740, 101.664

Protanomaly
72, 8.974, 94.215

Deuteranomaly
72, 9.547, 58.376

Tritanomaly
72, 4.040, 347.077

Monochromacy



Original Color
72, 8.740, 101.664

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.732, 101.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 8.740, 101.664 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(180, 177, 161)` looks like.

```
.text, #text, p{  
    color:rgb(180, 177, 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(180, 177, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 177, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 8.740, 101.664 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(180, 177, 161) }
```

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

```
.border{ border-color:rgb(180, 177, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 177, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 177, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 177, 161);  
box-shadow:4px 4px 4px 4px rgb(180, 177,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 8.740, 101.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 177, 161) }
```

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

```
.background{ background-color: rgb(180,  
177, 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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