

Converting Colors

CIELCh(72, 8.160, 103.930)

Have a look what the booklet for
CIELCh(72, 8.160, 103.930) contains.

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Color

CIELCh(72, 8.160, 103.930)

Conversions

Conversions Part 1

Format	Color
Hex	B3B1A2
RGB	179, 177, 162
RGB Percent	70%, 69%, 64%
CMY	0.2979, 0.3057, 0.3645
CMYK	0.00, 0.01, 0.09, 0.30
HSL	53°, 10%, 67%
HSV	53°, 9%, 70%
XYZ	40.8552, 43.6590, 40.4747
YIQ	175.8880, 6.0070, -4.2410

Conversions

Conversions Part 2

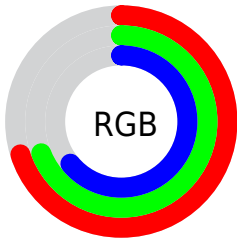
Format	Color
RYB	164, 179, 162
Decimal	11776418
CIELab	72.00, -1.96, 7.92
CIELCh	72, 8.160, 103.930
Yxy	43.6590, 0.3269, 0.3493
Android (android.graphics.Color)	4289966498 (0xFFB3B1A2)
YUV	175.8880, -6.8468, 2.7292
Hunter-Lab	66.0750, -5.2618, 9.9339

Details

The CIELCh color $72, 8.160, 103.930$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 8.298, 286.008$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 8.263, 104.438$, and $52, 8.131, 103.252$ is the 20% darker color. If you saturate the color by 10%, you get $71, 16.772, 102.879$, and if you desaturate by 10%, it is $73, 0.442, 285.234$.

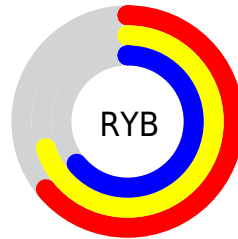
Distribution



Red (70%)

Green (69%)

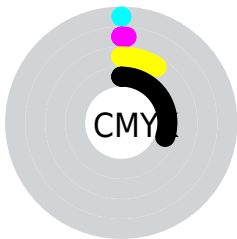
Blue (64%)



Red (64%)

Yellow (70%)

Blue (64%)

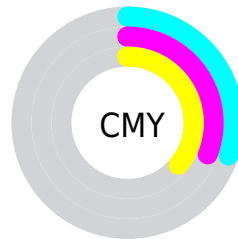


Cyan (0%)

Magenta (1%)

Yellow (9%)

Black (30%)



Cyan (30%)

Magenta (31%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 8.160, 103.930 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, 8.160, 103.930 by changing the saturation by 10% instead.

■ 72, 8.160, 103.930

■ 72, 8.160, 103.930

■ 100, 8.160,
103.930

■ 62, 8.160, 103.930

■ 92, 8.160, 103.930

■ 52, 8.160, 103.930

■ 42, 8.160, 103.930

■ 32, 8.160, 103.930

■ 22, 8.160, 103.930

■ 12, 8.160, 103.930

■ 2, 8.160, 103.930

■ 0, 8.160, 103.930

■ 72, 8.160, 103.930

■ 72, 8.160, 103.930

71, 16.772,
102.879

73, 0.442, 285.234

70, 25.342,
101.795

74, 9.012, 286.017

69, 33.794,
100.703

75, 17.530,
286.982

68, 41.997, 99.618

76, 25.987,
287.908

68, 49.739, 98.555

78, 34.378,
288.792

67, 56.694, 97.529

78, 35.057,
287.870

66, 62.399, 96.552

79, 33.931,
286.449

66, 66.322, 95.625

65, 68.421, 94.730

79, 32.826,
284.937

80, 31.746,
283.328

Harmonies

Complementary

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



72, 8.160, 103.930



68, 8.298, 286.008

Rectangle

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



72, 8.160, 103.930



72, 8.160, 153.930



72, 8.160, 283.930



72, 8.160, 333.930

Sweetspot

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



72, 8.162, 103.941



92, 3.174, 104.589



68, 6.668, 9.216



49, 2.427, 104.514



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, 8.162, 103.941



91, 11.677, 103.764



72, 9.534, 123.807



37, 4.856, 103.959



56, 61.074, 94.796



7, 11.111, 102.015

Inverse Universe

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



68, 8.298, 286.008



84, 11.901, 286.210



68, 9.698, 304.774



35, 4.935, 285.987



19, 85.287, 304.350



1, 12.126, 286.252

Previews

White Background



This preview shows how the CIELCh color 72, 8.160, 103.930 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, 8.160, 103.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

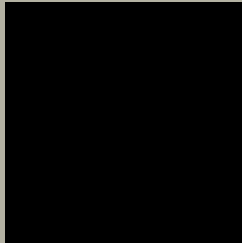
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

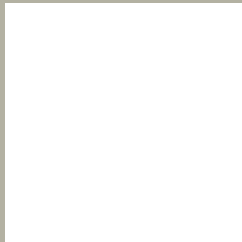
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 8.160, 103.930

Background



This preview shows how black text looks on a background with the CIELCh color 72, 8.160, 103.930.



This preview shows how white text looks on a background with the CIELCh color 72, 8.160, 103.930.

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, 8.160, 103.930

Protanopia

72, 8.565, 90.822

Deuteranopia

72, 11.653, 39.169



Tritanopia
72, 8.516, 316.474

Trichromacy



Original Color
72, 8.160, 103.930

Protanomaly
72, 8.450, 93.342

Deuteranomaly
72, 8.883, 57.332

Tritanomaly
72, 3.729, 343.905

Monochromacy



Original Color
72, 8.160, 103.930

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, 8.160, 103.930 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(179, 177, 162)` looks like.

```
.text, #text, p{  
    color:rgb(179, 177, 162)  
}
```

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(179, 177, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 177, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 8.160, 103.930 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(179, 177, 162) }
```

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

```
.border{ border-color:rgb(179, 177, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 177, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 177, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 177, 162);  
box-shadow:4px 4px 4px 4px rgb(179, 177,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 8.160, 103.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 177, 162) }
```

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

```
.background{ background-color: rgb(179,  
177, 162) }
```

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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