

Converting Colors

CIELCh(72, 11.299, 88.166)

Have a look what the booklet for
CIELCh(72, 11.299, 88.166) contains.

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Color

CIELCh(72, 11.175, 86.315)

Conversions

Conversions Part 1

Format	Color
Hex	BAAF9C
RGB	186, 175, 156
RGB Percent	73%, 69%, 61%
CMY	0.2694, 0.3126, 0.3871
CMYK	0.00, 0.06, 0.16, 0.27
HSL	38°, 18%, 67%
HSV	38°, 16%, 73%
XYZ	41.7328, 43.6590, 37.8067
YIQ	176.1230, 12.6550, -3.5770

Conversions

Conversions Part 2

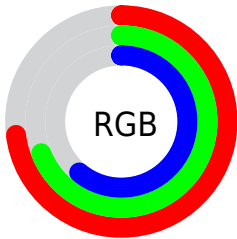
Format	Color
RYB	173, 186, 156
Decimal	12234652
CIELab	72.00, 0.72, 11.15
CIELCh	72, 11.175, 86.315
Yxy	43.6590, 0.3387, 0.3544
Android (android.graphics.Color)	4290424732 (0xFFBAAF9C)
YUV	176.1230, -9.9206, 8.6621
Hunter-Lab	66.0750, -2.8911, 12.3280

Details

The CIELCh color **72, 11.175, 86.315** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 11.071, 270.625**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.220, 85.933**, and **52, 11.249, 86.568** is the 20% darker color. If you saturate the color by 10%, you get **70, 18.348, 85.021**, and if you desaturate by 10%, it is **74, 4.179, 87.561**.

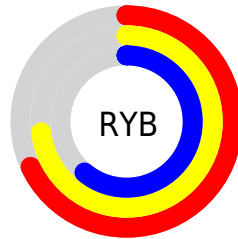
Distribution



Red (73%)

Green (69%)

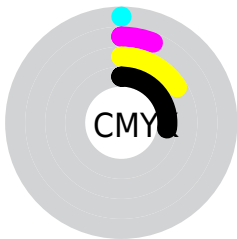
Blue (61%)



Red (68%)

Yellow (73%)

Blue (61%)

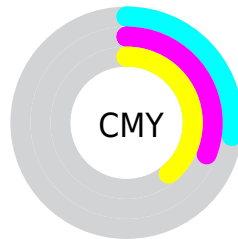


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 11.175, 86.315 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, 11.175, 86.315 by changing the saturation by 10% instead.

■ 72, 11.175, 86.315

■ 72, 11.175, 86.315

■ 100, 11.175,
86.315

■ 62, 11.175, 86.315

■ 92, 11.175, 86.315

■ 52, 11.175, 86.315

■ 42, 11.175, 86.315

■ 32, 11.175, 86.315

■ 22, 11.175, 86.315

■ 12, 11.175, 86.315

■ 2, 11.175, 86.315

■ 0, 11.175, 86.315

■ 72, 11.175, 86.315

■ 72, 11.175, 86.315

70, 18.348, 85.021

74, 4.179, 87.561

68, 25.680, 83.673

77, 2.643, 268.943

66, 33.128, 82.284

79, 9.300, 270.055

64, 40.595, 80.847

81, 15.804,
271.172

62, 47.883, 79.336

84, 22.166,
272.244

60, 54.628, 77.690

58, 60.229, 75.787

85, 22.185,
266.235

56, 63.952, 73.435

87, 20.088,
255.510

56, 65.184, 72.491

89, 18.813,
242.965

91, 18.507,
229.456

Harmonies

Complementary

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



72, 11.175, 86.315



68, 11.071, 270.625

Rectangle

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



72, 11.175, 86.315



72, 11.175, 136.315



72, 11.175, 266.315



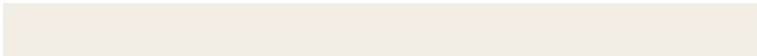
72, 11.175, 316.315

Sweetspot

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



72, 11.176, 86.326



94, 4.228, 87.676



67, 13.028, 353.020



50, 2.911, 87.597



98, 0.011, 296.813



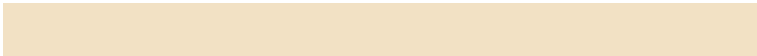
51, 0.007, 296.813

Same Dimension

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



72, 11.176, 86.326



90, 16.386, 85.913



75, 16.180, 114.187



39, 3.937, 87.173



48, 57.723, 72.916



7, 10.736, 75.325

Inverse Universe

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



68, 11.071, 270.625



85, 16.192, 271.134



66, 16.764, 296.768



37, 3.923, 269.641



28, 63.984, 294.162



3, 13.095, 277.183

Previews

White Background



This preview shows how the CIELCh color 72, 11.175, 86.315 looks on a white background.

Color Contrast Check

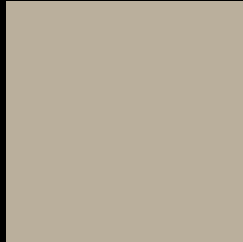
Large Text (above 18pt) WCAG AA × Fail

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, 11.175, 86.315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

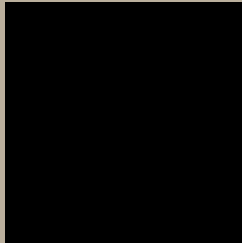
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 11.175, 86.315

Background



This preview shows how black text looks on a background with the CIELCh color 72, 11.175, 86.315.



This preview shows how white text looks on a background with the CIELCh color 72, 11.175, 86.315.

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, 11.175, 86.315

Protanopia

72, 10.757, 92.174

Deuteranopia

72, 14.283, 49.663



Tritanopia
72, 10.440, 333.462

Trichromacy



Original Color
72, 11.175, 86.315

Protanomaly
72, 10.879, 90.179

Deuteranomaly
72, 12.568, 60.091

Tritanomaly
72, 6.182, 9.773

Monochromacy



Original Color
72, 11.175, 86.315

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.078, 87.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 11.175, 86.315 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(186, 175, 156)` looks like.

```
.text, #text, p{  
    color:rgb(186, 175, 156)  
}
```

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(186, 175, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 175, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 11.175, 86.315 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(186, 175, 156) }
```

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

```
.border{ border-color:rgb(186, 175, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 175, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 175, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 175, 156);  
box-shadow:4px 4px 4px 4px rgb(186, 175,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 11.175, 86.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 175, 156) }
```

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

```
.background{ background-color: rgb(186,  
175, 156) }
```

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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