

Converting Colors

CIELCh(72, 6.058, 135.530)

Have a look what the booklet for
CIELCh(72, 6.058, 135.530) contains.

CIELCh(72, 6.058, 135.530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 6.058, 135.530)

Conversions

Conversions Part 1

Format	Color
Hex	ACB3A9
RGB	172, 179, 169
RGB Percent	67%, 70%, 66%
CMY	0.3270, 0.2996, 0.3388
CMYK	0.04, 0.00, 0.06, 0.30
HSL	102°, 6%, 68%
HSV	102°, 6%, 70%
XYZ	40.0939, 43.6590, 43.6588
YIQ	175.7670, -0.9620, -4.5940

Conversions

Conversions Part 2

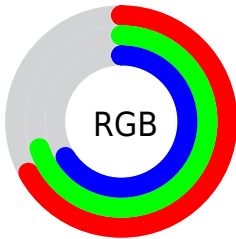
Format	Color
RYB	169, 179, 176
Decimal	11318185
CIELab	72.00, -4.32, 4.24
CIELCh	72, 6.058, 135.530
Yxy	43.6590, 0.3147, 0.3427
Android (android.graphics.Color)	4289508265 (0xFFACB3A9)
YUV	175.7670, -3.3361, -3.3037
Hunter-Lab	66.0750, -7.3186, 7.0768

Details

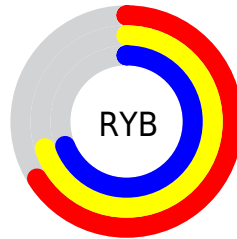
The CIELCh color **72, 6.058, 135.530** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 6.099, 315.940**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 6.378, 136.425**, and **52, 5.766, 134.404** is the 20% darker color. If you saturate the color by 10%, you get **71, 16.964, 135.062**, and if you desaturate by 10%, it is **73, 4.753, 315.875**.

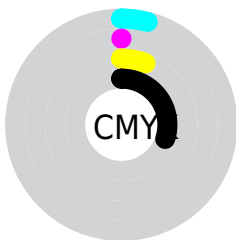
Distribution



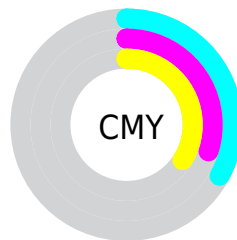
- Red (67%)
- Green (70%)
- Blue (66%)



- Red (66%)
- Yellow (70%)
- Blue (69%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (30%)



- Cyan (33%)
- Magenta (30%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.058, 135.530 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, 6.058, 135.530 by changing the saturation by 10% instead.

72, 6.058, 135.530

72, 6.058, 135.530

100, 6.058,
135.530

62, 6.058, 135.530

92, 6.058, 135.530

52, 6.058, 135.530

42, 6.058, 135.530

32, 6.058, 135.530

22, 6.058, 135.530

12, 6.058, 135.530

2, 6.058, 135.530

0, 6.058, 135.530

72, 6.058, 135.530

72, 6.058, 135.530

71, 16.964,
135.062

73, 4.753, 315.875

69, 27.874,
134.558

75, 15.415,
316.254

68, 38.671,
134.018

77, 25.884,
316.567

67, 49.188,
133.464

78, 36.133,
316.837

66, 59.196,
132.936

80, 44.778,
317.877

66, 68.380,
132.506

81, 46.501,
322.890

65, 76.332,
132.275

82, 47.825,
326.078

65, 82.590,
132.369

64, 86.818,

132.880

Harmonies

Complementary

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



72, 6.058, 135.530



70, 6.099, 315.940

Rectangle

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



72, 6.058, 135.530



72, 6.058, 185.530



72, 6.058, 315.530



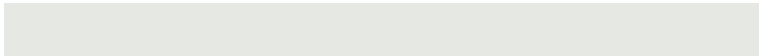
72, 6.058, 5.530

Sweetspot

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



72, 6.060, 135.533



92, 2.667, 135.731



72, 3.954, 92.980



49, 1.528, 135.740



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, 6.060, 135.533



91, 9.385, 135.462



72, 5.775, 150.228



37, 4.908, 135.446



55, 78.622, 132.965



7, 15.142, 137.860

Inverse Universe

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



70, 6.099, 315.940



88, 9.450, 316.009



70, 5.796, 330.821



36, 4.943, 316.024



28, 81.715, 317.505



2, 14.463, 312.378

Previews

White Background



This preview shows how the CIELCh color 72, 6.058, 135.530 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 CIE LCh color 72, 6.058, 135.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

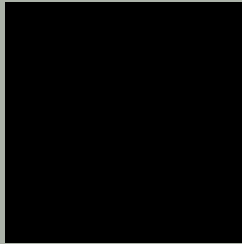
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

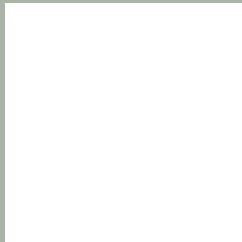
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 6.058, 135.530

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.058, 135.530.



This preview shows how white text looks on a background with the CIELCh color 72, 6.058, 135.530.

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, 6.058, 135.530

Protanopia

72, 5.381, 84.341

Deuteranopia

72, 10.042, 20.232



Tritanopia
72, 7.633, 290.929

Trichromacy



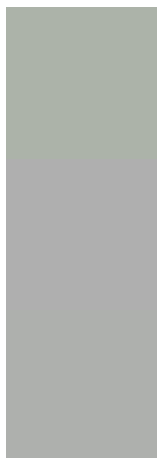
Original Color
72, 6.058, 135.530

Protanomaly
72, 4.888, 105.211

Deuteranomaly
72, 5.791, 41.718

Tritanomaly
72, 3.343, 277.801

Monochromacy



Original Color
72, 6.058, 135.530

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 1.797, 134.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 6.058, 135.530 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(172, 179, 169)` looks like.

```
.text, #text, p{  
    color:rgb(172, 179, 169)  
}
```

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(172, 179, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 179, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.058, 135.530 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(172, 179, 169) }
```

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

```
.border{ border-color:rgb(172, 179, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 179, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 179, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 179, 169);  
box-shadow:4px 4px 4px 4px rgb(172, 179,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.058, 135.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 179, 169) }
```

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

```
.background{ background-color: rgb(172,  
179, 169) }
```

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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