

Converting Colors

CIELCh(62, 7.083, 100.276)

Have a look what the booklet for
CIELCh(62, 7.083, 100.276) contains.

CIELCh(62, 6.801, 99.301)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 6.801, 99.301)

Conversions

Conversions Part 1

Format	Color
Hex	99968A
RGB	153, 150, 138
RGB Percent	60%, 59%, 54%
CMY	0.4002, 0.4119, 0.4590
CMYK	0.00, 0.02, 0.10, 0.40
HSL	48°, 7%, 57%
HSV	48°, 10%, 60%
XYZ	28.6142, 30.4025, 28.3902
YIQ	149.5290, 5.6400, -3.0960

Conversions

Conversions Part 2

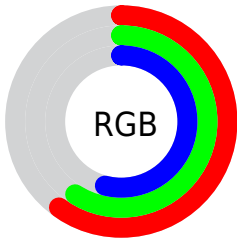
Format	Color
RYB	142, 153, 138
Decimal	10065546
CIELab	62.00, -1.10, 6.71
CIElCh	62, 6.801, 99.301
Yxy	30.4025, 0.3274, 0.3478
Android (android.graphics.Color)	4288255626 (0xFF99968A)
YUV	149.5290, -5.6838, 3.0441
Hunter-Lab	55.1385, -3.8595, 8.0692

Details

The CIELCh color **62, 6.801, 99.301** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **59, 6.882, 281.578**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 6.943, 100.260**, and **42, 6.738, 98.037** is the 20% darker color. If you saturate the color by 10%, you get **61, 13.795, 98.184**, and if you desaturate by 10%, it is **63, 0.142, 281.343**.

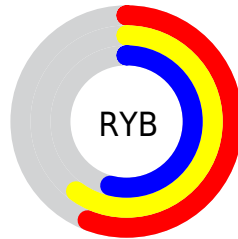
Distribution



Red (60%)

Green (59%)

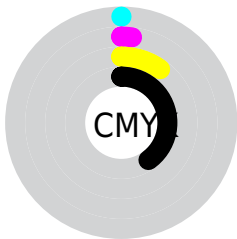
Blue (54%)



Red (56%)

Yellow (60%)

Blue (54%)

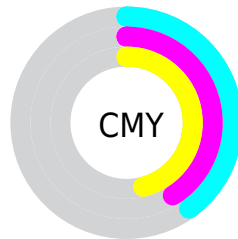


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (40%)



Cyan (40%)

Magenta (41%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 6.801, 99.301 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 62, 6.801, 99.301 by changing the saturation by 10% instead.

 62, 6.801, 99.301  62, 6.801, 99.301

 100, 6.801, 99.301  52, 6.801, 99.301

 82, 6.801, 99.301  42, 6.801, 99.301

 92, 6.801, 99.301  32, 6.801, 99.301


 22, 6.801, 99.301

 12, 6.801, 99.301

 2, 6.801, 99.301

 0, 6.801, 99.301

 62, 6.801, 99.301  62, 6.801, 99.301

 61, 13.795, 98.184  63, 0.142, 281.343

60, 20.807, 97.018

64, 7.023, 281.519

59, 27.788, 95.828

66, 13.835,
282.530

57, 34.646, 94.621

67, 20.574,
283.502

56, 41.225, 93.401

55, 47.268, 92.166

68, 27.241,
284.429

55, 52.384, 90.902

70, 33.837,
285.308

54, 56.069, 89.571

53, 58.384, 88.167

71, 40.364,
286.142

73, 44.001,
286.073

73, 42.364,
284.308

Harmonies

Complementary

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



62, 6.801, 99.301



59, 6.882, 281.578

Rectangle

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



62, 6.801, 99.301



62, 6.801, 149.301



62, 6.801, 279.301



62, 6.801, 329.301

Sweetspot

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



62, 6.802, 99.313



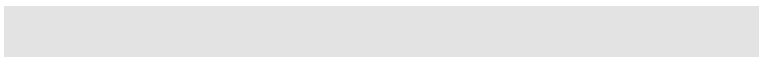
80, 2.564, 100.020



59, 6.178, 4.081



42, 1.941, 99.948



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



62, 6.802, 99.313



78, 10.323, 99.043



62, 8.562, 121.262



32, 3.920, 99.377



49, 54.881, 88.269



3, 4.174, 99.595

Inverse Universe

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



59, 6.882, 281.578



73, 10.465, 281.885



58, 8.726, 302.366



30, 3.964, 281.507



19, 73.572, 301.850



1, 4.252, 280.616

Previews

White Background



This preview shows how the CIELCh color 62, 6.801, 99.301 looks on a white background.

Color Contrast Check

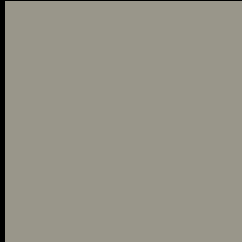
Large Text (above 18pt) WCAG AA × Fail

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 62, 6.801, 99.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

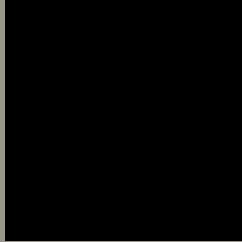
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 6.801, 99.301

Background



This preview shows how black text looks on a background with the CIELCh color 62, 6.801, 99.301.



This preview shows how white text looks on a background with the CIELCh color 62, 6.801, 99.301.

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


62, 6.801, 99.301

Protanopia

62, 6.588, 88.151

Deuteranopia

62, 9.890, 39.916



Tritanopia
62, 7.594, 317.587

Trichromacy



Original Color
62, 6.801, 99.301

Protanomaly
62, 6.455, 91.480

Deuteranomaly
62, 7.836, 54.521

Tritanomaly
62, 3.205, 347.960

Monochromacy



Original Color
62, 6.801, 99.301

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.264, 99.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 6.801, 99.301 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(153, 150, 138)` looks like.

```
.text, #text, p{  
    color:rgb(153, 150, 138)  
}
```

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(153, 150, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 150, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 6.801, 99.301 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(153, 150, 138) }
```

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

```
.border{ border-color:rgb(153, 150, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 150, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 150, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 150, 138);  
box-shadow:4px 4px 4px 4px rgb(153, 150,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 6.801, 99.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 150, 138) }
```

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

```
.background{ background-color: rgb(153,  
150, 138) }
```

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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