

Converting Colors

CIELCh(62, 9.536, 104.637)

Have a look what the booklet for
CIELCh(62, 9.536, 104.637) contains.

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Color

CIELCh(62, 10.046, 106.759)

Conversions

Conversions Part 1

Format	Color
Hex	989785
RGB	152, 151, 133
RGB Percent	60%, 59%, 52%
CMY	0.4048, 0.4087, 0.4793
CMYK	0.00, 0.01, 0.13, 0.40
HSL	57°, 8%, 56%
HSV	57°, 13%, 60%
XYZ	28.1562, 30.4025, 26.4957
YIQ	149.2470, 6.3740, -5.3860

Conversions

Conversions Part 2

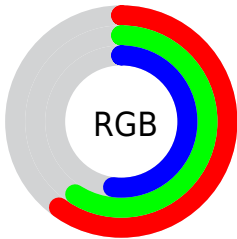
Format	Color
RYB	134, 152, 133
Decimal	10000261
CIELab	62.00, -2.90, 9.62
CIELCh	62, 10.046, 106.759
Yxy	30.4025, 0.3310, 0.3574
Android (android.graphics.Color)	4288190341 (0xFF989785)
YUV	149.2470, -8.0098, 2.4144
Hunter-Lab	55.1385, -5.3422, 10.1063

Details

The CIELCh color **62, 10.046, 106.759** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **56, 10.302, 289.338**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 10.024, 107.129**, and **42, 10.207, 106.172** is the 20% darker color. If you saturate the color by 10%, you get **61, 18.043, 105.774**, and if you desaturate by 10%, it is **63, 2.013, 107.720**.

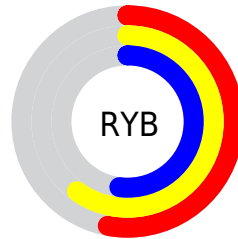
Distribution



Red (60%)

Green (59%)

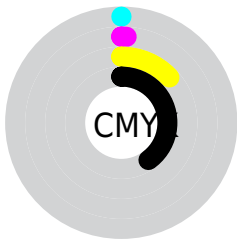
Blue (52%)



Red (53%)

Yellow (60%)

Blue (52%)

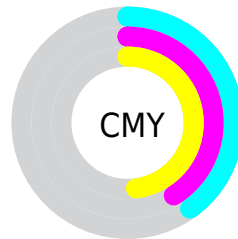


Cyan (0%)

Magenta (1%)

Yellow (13%)

Black (40%)



Cyan (40%)


Magenta (41%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 10.046, 106.759 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, 10.046, 106.759 by changing the saturation by 10% instead.


 62, 10.046,
106.759


 62, 10.046,
106.759


 100, 10.046,
106.759


 52, 10.046,
106.759


 82, 10.046,
106.759

 42, 10.046,
106.759

 92, 10.046,
106.759

 32, 10.046,
106.759

 22, 10.046,
106.759

 12, 10.046,
106.759

 2, 10.046, 106.759

 0, 10.046, 106.759

■ 62, 10.046,
106.759

■ 62, 10.046,
106.759

■ 61, 18.043,
105.774

■ 63, 2.013, 107.720

■ 61, 25.945,
104.777

■ 63, 6.023, 288.724

■ 60, 33.664,
103.793

■ 64, 14.040,
289.644

■ 60, 41.059,
102.840

■ 65, 22.020,
290.533

■ 60, 47.914,
101.942

■ 65, 29.955,
291.384

■ 59, 53.917,
101.127

■ 66, 37.836,
292.193

■ 59, 58.669,
100.422

■ 67, 45.657,
292.961

■ 59, 61.782, 99.846

■ 68, 53.414,
293.685

■ 59, 63.364, 99.473

■ 68, 53.374,
293.426

Harmonies

Complementary

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



62, 10.046, 106.759



56, 10.302, 289.338

Rectangle

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



62, 10.046, 106.759



62, 10.046, 156.759



62, 10.046, 286.759



62, 10.046, 336.759

Sweetspot

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



62, 10.047, 106.767



79, 3.957, 107.581



57, 7.669, 14.801



42, 2.836, 107.515



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, 10.047, 106.767



78, 14.852, 106.492



62, 11.128, 126.134



32, 4.568, 107.088



54, 59.830, 99.497



3, 4.922, 107.711

Inverse Universe

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



56, 10.302, 289.338



70, 15.310, 289.671



57, 11.345, 307.298



30, 4.656, 288.965



16, 83.092, 305.412



0, 4.961, 288.036

Previews

White Background



This preview shows how the CIELCh color 62, 10.046, 106.759 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 62, 10.046, 106.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

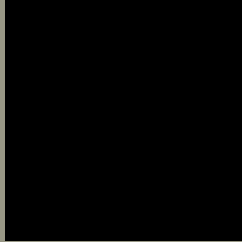
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 10.046, 106.759

Background



This preview shows how black text looks on a background with the CIELCh color 62, 10.046, 106.759.



This preview shows how white text looks on a background with the CIELCh color 62, 10.046, 106.759.

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, 10.046, 106.759

Protanopia

62, 10.032, 90.218

Deuteranopia

62, 12.069, 47.701



Tritanopia
62, 7.429, 314.955

Trichromacy



Original Color
62, 10.046, 106.759

Protanomaly
62, 10.243, 97.647

Deuteranomaly
62, 9.657, 63.681

Tritanomaly
62, 2.403, 5.982

Monochromacy



Original Color
62, 10.046, 106.759

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 3.911, 109.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 10.046, 106.759 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(152, 151, 133)` looks like.

```
.text, #text, p{  
    color:rgb(152, 151, 133)  
}
```

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(152, 151, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 151, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 10.046, 106.759 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(152, 151, 133) }
```

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

```
.border{ border-color:rgb(152, 151, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 151, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 151, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 151, 133);  
box-shadow:4px 4px 4px 4px rgb(152, 151,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 10.046, 106.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 151, 133) }
```

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

```
.background{ background-color: rgb(152,  
151, 133) }
```

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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