

Converting Colors

CIELCh(62, 1.470, 263.016)

Have a look what the booklet for
CIELCh(62, 1.470, 263.016) contains.

CIELCh(62, 1.352, 255.954)	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, 1.352, 255.954)

Conversions

Conversions Part 1

Format	Color
Hex	949698
RGB	148, 150, 152
RGB Percent	58%, 59%, 60%
CMY	0.4194, 0.4115, 0.4037
CMYK	0.03, 0.01, 0.00, 0.40
HSL	210°, 2%, 59%
HSV	210°, 3%, 60%
XYZ	28.8122, 30.4025, 34.0812
YIQ	149.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

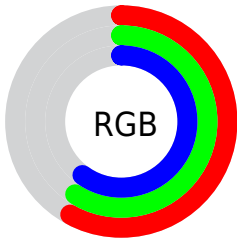
Format	Color
R_{YB}	148, 149, 152
Decimal	9737880
CIE _{Lab}	62.00, -0.33, -1.31
CIE _{LCh}	62, 1.352, 255.954
Yxy	30.4025, 0.3088, 0.3259
Android (android.graphics.Color)	4287927960 (0xFF949698)
YUV	149.6300, 1.1684, -1.4295
Hunter-Lab	55.1385, -3.2186, 1.9497

Details

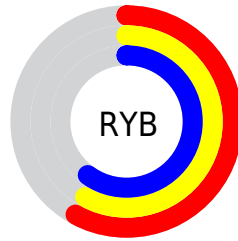
The CIELCh color $62, 1.352, 255.954$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 1.348, 74.819$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 1.280, 255.947$, and $42, 1.453, 256.030$ is the 20% darker color. If you saturate the color by 10%, you get $59, 6.442, 257.038$, and if you desaturate by 10%, it is $65, 3.774, 74.451$.

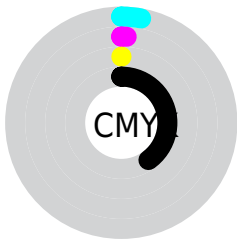
Distribution



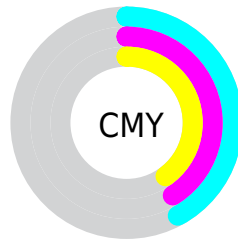
- Red (58%)
- Green (59%)
- Blue (60%)



- Red (58%)
- Yellow (58%)
- Blue (60%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



- Cyan (42%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 1.352, 255.954 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, 1.352, 255.954 by changing the saturation by 10% instead.

■ 62, 1.352, 255.954

■ 62, 1.352, 255.954

■ 100, 1.352,
255.954

■ 52, 1.352, 255.954

■ 82, 1.352, 255.954

■ 42, 1.352, 255.954

■ 92, 1.352, 255.954

■ 32, 1.352, 255.954

■ 22, 1.352, 255.954

■ 12, 1.352, 255.954

■ 2, 1.352, 255.954

■ 0, 1.352, 255.954

■ 62, 1.352, 255.954

■ 62, 1.352, 255.954

■ 59, 6.442, 257.038

■ 65, 3.774, 74.451

■ 55, 11.479,
258.586

■ 69, 8.917, 73.526

■ 52, 16.443,
260.436

■ 72, 14.061, 72.701

■ 49, 21.318,
262.635

■ 75, 19.193, 71.977

■ 46, 26.095,
265.240

■ 82, 29.381, 70.779

■ 43, 30.784,
268.296

■ 85, 34.422, 70.279

■ 40, 35.413,
271.828

■ 87, 35.778, 77.285

■ 37, 40.038,
275.809

■ 89, 37.545, 83.931

■ 35, 44.733,
280.138

Harmonies

Complementary

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



62, 1.352, 255.954



62, 1.348, 74.819

Rectangle

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



62, 1.352, 255.954



62, 1.352, 305.954



62, 1.352, 75.954



62, 1.352, 125.954

Sweetspot

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



62, 1.351, 255.885



80, 0.644, 256.038



62, 1.930, 162.728



42, 0.366, 256.067



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, 1.351, 255.885



79, 1.917, 255.907



61, 2.215, 289.788



32, 1.166, 255.952



30, 45.223, 282.909



2, 3.172, 256.262

Inverse Universe

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



62, 1.925, 343.653



79, 2.734, 343.712



63, 2.189, 109.236



32, 1.664, 343.788



30, 54.428, 0.904



1, 4.450, 344.066

Previews

White Background



This preview shows how the CIELCh color 62, 1.352, 255.954 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, 1.352, 255.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

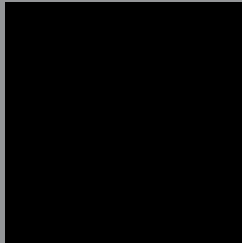
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

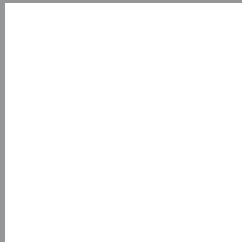
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 1.352, 255.954

Background



This preview shows how black text looks on a background with the CIELCh color 62, 1.352, 255.954.



This preview shows how white text looks on a background with the CIELCh color 62, 1.352, 255.954.

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, 1.352, 255.954

Protanopia

62, 1.626, 335.624

Deuteranopia

62, 8.324, 347.673



Tritanopia
62, 6.739, 290.924

Trichromacy



Original Color

62, 1.352, 255.954

Protanomaly

62, 1.375, 324.361

Deuteranomaly

62, 5.445, 341.760

Tritanomaly

62, 5.056, 290.744

Monochromacy



Original Color

62, 1.352, 255.954

Achromatopsia

62, 0.008, 296.813

Achromatomaly

62, 0.680, 256.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 1.352, 255.954 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(148, 150, 152)` looks like.

```
.text, #text, p{  
    color:rgb(148, 150, 152)  
}
```

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(148, 150, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 150, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 1.352, 255.954 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(148, 150, 152) }
```

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

```
.border{ border-color:rgb(148, 150, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 150, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 150, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 150, 152);  
box-shadow:4px 4px 4px 4px rgb(148, 150,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 1.352, 255.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 150, 152) }
```

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

```
.background{ background-color: rgb(148,  
150, 152) }
```

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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