

Converting Colors

CIELCh(62, 1.794, 332.072)

Have a look what the booklet for
CIELCh(62, 1.794, 332.072) contains.

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Color

CIELCh(62, 1.626, 335.624)

Conversions

Conversions Part 1

Format	Color
Hex	989597
RGB	152, 149, 151
RGB Percent	60%, 58%, 59%
CMY	0.4039, 0.4157, 0.4079
CMYK	0.00, 0.02, 0.01, 0.40
HSL	320°, 1%, 59%
HSV	320°, 2%, 60%
XYZ	29.2803, 30.4025, 33.6012
YIQ	150.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

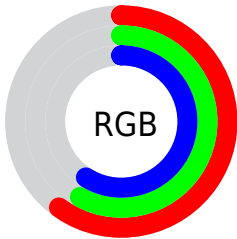
Format	Color
R_{YB}	152, 149, 151
Decimal	9999767
CIE Lab	62.00, 1.48, -0.67
CIE LCh	62, 1.626, 335.624
Yxy	30.4025, 0.3139, 0.3259
Android (android.graphics.Color)	4288189847 (0xFF989597)
YUV	150.1250, 0.4314, 1.6444
Hunter-Lab	55.1385, -1.7033, 2.4658

Details

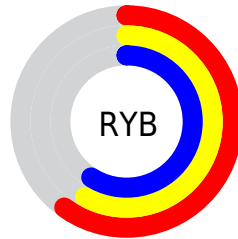
The CIELCh color $62, 1.626, 335.624$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 1.610, 155.721$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 1.538, 335.535$, and $42, 1.749, 335.737$ is the 20% darker color. If you saturate the color by 10%, you get $58, 9.923, 336.479$, and if you desaturate by 10%, it is $66, 6.501, 155.202$.

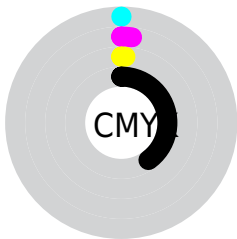
Distribution



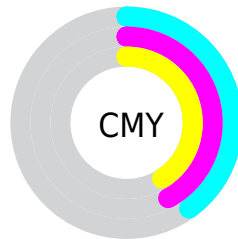
- Red (60%)
- Green (58%)
- Blue (59%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 1.626, 335.624 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, 1.626, 335.624 by changing the saturation by 10% instead.

■ 62, 1.626, 335.624

■ 62, 1.626, 335.624

100, 1.626,
335.624

■ 52, 1.626, 335.624

■ 82, 1.626, 335.624

■ 42, 1.626, 335.624

■ 92, 1.626, 335.624

■ 32, 1.626, 335.624

■ 22, 1.626, 335.624

■ 12, 1.626, 335.624

■ 2, 1.626, 335.624

■ 0, 1.626, 335.624

■ 62, 1.626, 335.624

■ 62, 1.626, 335.624

■ 58, 9.923, 336.479

■ 66, 6.501, 155.202

54, 18.316,
337.237

71, 14.410,
154.565

50, 26.675,
338.043

75, 22.083,
153.982

46, 34.807,
338.916

79, 29.514,
153.438

43, 42.440,
339.876

84, 36.710,
152.927

40, 49.226,
340.953

88, 43.681,
152.447

37, 54.772,
342.193

92, 50.215,
152.059

35, 58.714,
343.661

93, 48.283,
154.111

34, 60.830,
345.438

93, 46.394,
156.322

Harmonies

Complementary

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



62, 1.626, 335.624



63, 1.610, 155.721

Rectangle

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



62, 1.626, 335.624



62, 1.626, 25.624



62, 1.626, 155.624



62, 1.626, 205.624

Sweetspot

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



62, 1.624, 335.636



79, 1.017, 335.409



62, 1.737, 303.123



42, 0.583, 335.383



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, 1.624, 335.636



78, 2.029, 335.646



62, 1.198, 5.640



32, 0.936, 335.615



30, 58.212, 346.870



1, 5.000, 336.151

Inverse Universe

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



62, 1.624, 335.636



78, 2.029, 335.646



63, 1.183, 186.019



32, 0.936, 335.615



30, 58.212, 346.870



1, 5.000, 336.151

Previews

White Background



This preview shows how the CIELCh color 62, 1.626, 335.624 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, 1.626, 335.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

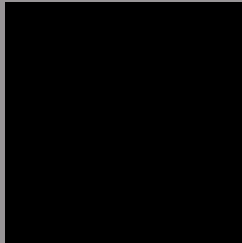
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 1.626, 335.624

Background



This preview shows how black text looks on a background with the CIELCh color 62, 1.626, 335.624.

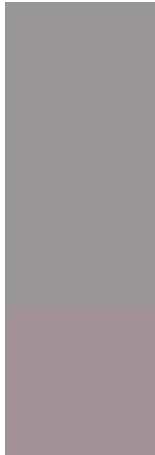


This preview shows how white text looks on a background with the CIELCh color 62, 1.626, 335.624.

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, 1.626, 335.624

Protanopia

62, 1.626, 335.624

Deuteranopia

62, 8.046, 351.056



Tritanopia
62, 6.488, 307.765

Trichromacy



Original Color
62, 1.626, 335.624

Protanomaly
62, 1.626, 335.624

Deuteranomaly
62, 6.082, 346.407

Tritanomaly
62, 4.906, 313.491

Monochromacy



Original Color
62, 1.626, 335.624

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 0.387, 18.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 1.626, 335.624 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, 149, 151)` looks like.

```
.text, #text, p{  
    color:rgb(152, 149, 151)  
}
```

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, 149, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 149, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 1.626, 335.624 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, 149, 151) }
```

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

```
.border{ border-color:rgb(152, 149, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 149, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 149, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 149, 151);  
box-shadow:4px 4px 4px 4px rgb(152, 149,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 1.626, 335.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 149, 151) }
```

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

```
.background{ background-color: rgb(152,  
149, 151) }
```

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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