

Converting Colors

CIELCh(62, 35.254, 99.780)

Have a look what the booklet for
CIELCh(62, 35.254, 99.780) contains.

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Color

CIELCh(62, 35.287, 99.752)

Conversions

Conversions Part 1

Format	Color
Hex	A09757
RGB	160, 151, 87
RGB Percent	63%, 59%, 34%
CMY	0.3716, 0.4069, 0.6579
CMYK	0.00, 0.06, 0.46, 0.37
HSL	53°, 30%, 49%
HSV	53°, 46%, 63%
XYZ	27.3828, 30.4025, 13.4905
YIQ	146.3950, 25.9080, -17.9960

Conversions

Conversions Part 2

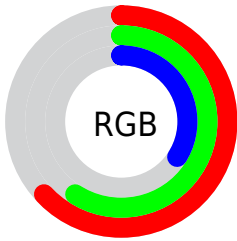
Format	Color
RYB	97, 160, 87
Decimal	10524503
CIELab	62.00, -5.98, 34.78
CIElCh	62, 35.287, 99.752
Yxy	30.4025, 0.3842, 0.4265
Android (android.graphics.Color)	4288714583 (0xFFA09757)
YUV	146.3950, -29.2817, 11.9316
Hunter-Lab	55.1385, -7.8461, 24.0907

Details

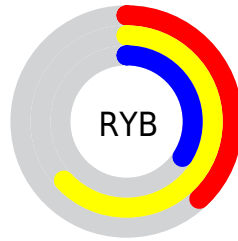
The CIELCh color **62, 35.287, 99.752** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **43, 38.518, 291.419**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 35.267, 99.712**, and **42, 35.195, 99.283** is the 20% darker color. If you saturate the color by 10%, you get **61, 42.550, 98.679**, and if you desaturate by 10%, it is **63, 27.710, 100.845**.

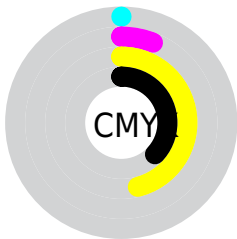
Distribution



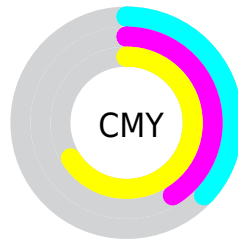
- Red (63%)
- Green (59%)
- Blue (34%)



- Red (38%)
- Yellow (63%)
- Blue (34%)



- Cyan (0%)
- Magenta (6%)
- Yellow (46%)
- Black (37%)



- Cyan (37%)
- Magenta (41%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 35.287, 99.752 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, 35.287, 99.752 by changing the saturation by 10% instead.

62, 35.287, 99.752

62, 35.287, 99.752

100, 35.287,
99.752

52, 35.287, 99.752

82, 35.287, 99.752

42, 35.287, 99.752

92, 35.287, 99.752

32, 35.287, 99.752

22, 35.287, 99.752

12, 35.287, 99.752

2, 35.287, 99.752

0, 35.287, 99.752

62, 35.287, 99.752

62, 35.287, 99.752

61, 42.550, 98.679

63, 27.710,

61, 49.253, 97.629

100.845

60, 55.035, 96.618

64, 19.970,
101.933

59, 59.428, 95.651

65, 12.161,
103.007

59, 62.033, 94.716

58, 62.943, 94.311

65, 4.340, 104.048

66, 3.462, 285.126

67, 11.223,
286.097

68, 18.932,
287.044

70, 26.583,
287.951

71, 34.171,
288.815

Harmonies

Complementary

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



62, 35.287, 99.752



43, 38.518, 291.419

Rectangle

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



62, 35.287, 99.752



62, 35.287, 149.752



62, 35.287, 279.752



62, 35.287, 329.752

Sweetspot

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



62, 35.288, 99.755



82, 13.580, 103.145



46, 32.084, 14.155



43, 9.358, 102.929



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 35.288, 99.755



78, 52.266, 98.627



62, 41.124, 121.955



33, 4.364, 103.673



52, 57.890, 94.403



4, 5.575, 103.379

Inverse Universe

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



43, 38.518, 291.419



49, 58.897, 293.722



43, 44.846, 307.159



31, 4.433, 285.676



17, 80.389, 304.099



1, 5.761, 284.968

Previews

White Background



This preview shows how the CIELCh color 62, 35.287, 99.752 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, 35.287, 99.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

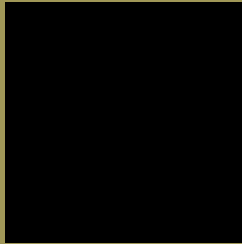
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 35.287, 99.752

Background



This preview shows how black text looks on a background with the CIELCh color 62, 35.287, 99.752.



This preview shows how white text looks on a background with the CIELCh color 62, 35.287, 99.752.

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, 35.287, 99.752

Protanopia

62, 35.159, 96.093

Deuteranopia

62, 35.119, 76.839



Tritanopia
62, 11.497, 344.829

Trichromacy



Original Color
62, 35.287, 99.752

Protanomaly
62, 35.075, 96.809

Deuteranomaly
62, 34.614, 85.310

Tritanomaly
62, 11.920, 68.199

Monochromacy



Original Color
62, 35.287, 99.752

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 13.457, 103.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 35.287, 99.752 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(160, 151, 87)` looks like.

```
.text, #text, p{  
    color:rgb(160, 151, 87)  
}
```

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(160, 151, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 151, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 35.287, 99.752 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(160, 151, 87) }
```

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

```
.border{ border-color:rgb(160, 151, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 151, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 151, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 151, 87);  
box-shadow:4px 4px 4px 4px rgb(160, 151,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 35.287, 99.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 151, 87) }
```

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

```
.background{ background-color: rgb(160,  
151, 87) }
```

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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