

Converting Colors

CIELCh(62, 34.738, 89.616)

Have a look what the booklet for
CIELCh(62, 34.738, 89.616) contains.

CIELCh(62, 34.595, 89.963)	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, 34.595, 89.963)

Conversions

Conversions Part 1

Format	Color
Hex	AA9458
RGB	170, 148, 88
RGB Percent	67%, 58%, 35%
CMY	0.3336, 0.4198, 0.6551
CMYK	0.00, 0.13, 0.48, 0.33
HSL	44°, 33%, 51%
HSV	44°, 48%, 67%
XYZ	28.9025, 30.4025, 13.5646
YIQ	147.7380, 32.3720, -13.9960

Conversions

Conversions Part 2

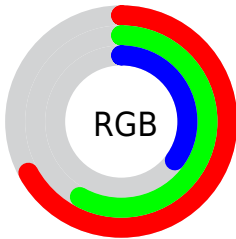
Format	Color
RYB	118, 170, 88
Decimal	11179096
CIELab	62.00, 0.02, 34.59
CIELCh	62, 34.595, 89.963
Yxy	30.4025, 0.3966, 0.4172
Android (android.graphics.Color)	4289369176 (0xFFAA9458)
YUV	147.7380, -29.4508, 19.5238
Hunter-Lab	55.1385, -2.9264, 24.0110

Details

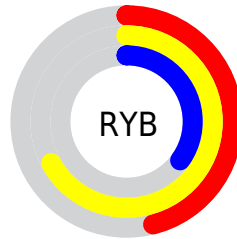
The CIELCh color **62, 34.595, 89.963** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **47, 35.765, 284.166**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 34.666, 89.933**, and **42, 34.855, 90.279** is the 20% darker color. If you saturate the color by 10%, you get **61, 41.635, 88.619**, and if you desaturate by 10%, it is **63, 27.382, 91.279**.

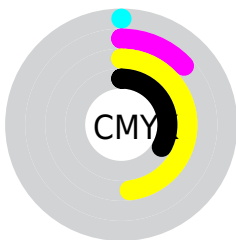
Distribution



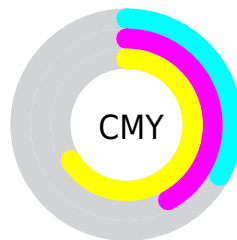
- Red (67%)
- Green (58%)
- Blue (35%)



- Red (46%)
- Yellow (67%)
- Blue (35%)



- Cyan (0%)
- Magenta (13%)
- Yellow (48%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 34.595, 89.963 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, 34.595, 89.963 by changing the saturation by 10% instead.

62, 34.595, 89.963

62, 34.595, 89.963

100, 34.595,
89.963

52, 34.595, 89.963

82, 34.595, 89.963

42, 34.595, 89.963

92, 34.595, 89.963

32, 34.595, 89.963

22, 34.595, 89.963

12, 34.595, 89.963

2, 34.595, 89.963

0, 34.595, 89.963

62, 34.595, 89.963

62, 34.595, 89.963

61, 41.635, 88.619

63, 27.382, 91.279

■ 59, 48.256, 87.222

■ 65, 20.134, 92.558

■ 58, 54.055, 85.738

■ 67, 12.927, 93.800

■ 57, 58.456, 84.093

■ 68, 5.799, 94.992

■ 55, 61.114, 82.217

■ 70, 1.232, 276.331

■ 55, 61.558, 81.893

■ 72, 8.159, 277.331

■ 73, 14.985,
278.394

■ 75, 21.711,
279.412

■ 77, 28.342,
280.382

Harmonies

Complementary

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



62, 34.595, 89.963



47, 35.765, 284.166

Rectangle

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



62, 34.595, 89.963



62, 34.595, 139.963



62, 34.595, 269.963



62, 34.595, 319.963

Sweetspot

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



62, 34.596, 89.967



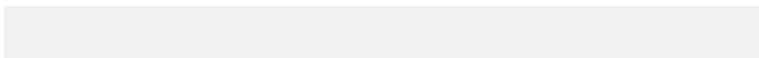
86, 12.284, 94.284



48, 36.187, 3.410



45, 8.562, 94.030



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 34.596, 89.967



77, 51.470, 88.509



67, 44.257, 115.543



35, 3.951, 94.873



48, 55.630, 82.169



4, 6.664, 90.588

Inverse Universe

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



47, 35.765, 284.166



55, 54.203, 286.934



43, 49.653, 302.923



33, 3.974, 277.158



22, 70.494, 299.267



2, 7.487, 278.489

Previews

White Background



This preview shows how the CIELCh color 62, 34.595, 89.963 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, 34.595, 89.963 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, 34.595, 89.963

Background



This preview shows how black text looks on a background with the CIELCh color 62, 34.595, 89.963.



This preview shows how white text looks on a background with the CIELCh color 62, 34.595, 89.963.

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, 34.595, 89.963

Protanopia

62, 34.124, 95.931

Deuteranopia

62, 35.119, 76.839



Tritanopia
62, 15.432, 357.619

Trichromacy



Original Color
62, 34.595, 89.963

Protanomaly
62, 33.937, 93.598

Deuteranomaly
62, 34.633, 81.387

Tritanomaly
62, 15.500, 52.892

Monochromacy



Original Color
62, 34.595, 89.963

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 12.731, 93.807

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 34.595, 89.963 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(170, 148, 88)` looks like.

```
.text, #text, p{  
    color:rgb(170, 148, 88)  
}
```

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(170, 148, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 148, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 34.595, 89.963 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(170, 148, 88) }
```

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

```
.border{ border-color:rgb(170, 148, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 148, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 148, 88); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 148, 88); box-shadow:4px 4px 4px 4px rgb(170, 148, 88) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 34.595, 89.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 148, 88) }
```

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

```
.background{ background-color: rgb(170,  
148, 88) }
```

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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