

Converting Colors

CIELCh(62, 10.049, 48.720)

Have a look what the booklet for
CIELCh(62, 10.049, 48.720) contains.

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Color

CIELCh(62, 10.000, 46.566)

Conversions

Conversions Part 1

Format	Color
Hex	A79189
RGB	167, 145, 137
RGB Percent	65%, 57%, 54%
CMY	0.3439, 0.4302, 0.4616
CMYK	0.00, 0.13, 0.18, 0.34
HSL	16°, 15%, 60%
HSV	16°, 18%, 66%
XYZ	30.7059, 30.4025, 28.0251
YIQ	150.6660, 15.6800, 2.1760

Conversions

Conversions Part 2

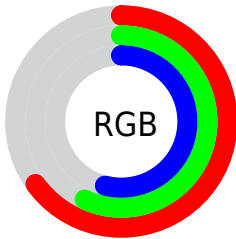
Format	Color
RYB	167, 148, 137
Decimal	10981769
CIELab	62.00, 6.88, 7.26
CIELCh	62, 10.000, 46.566
Yxy	30.4025, 0.3445, 0.3411
Android (android.graphics.Color)	4289171849 (0xFFA79189)
YUV	150.6660, -6.7373, 14.3249
Hunter-Lab	55.1385, 2.9121, 8.4618

Details

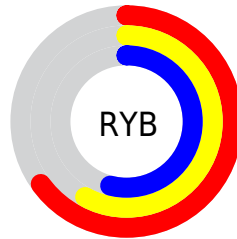
The CIELCh color $62, 10.000, 46.566$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 8.991, 228.708$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 9.944, 48.386$, and $42, 10.145, 48.498$ is the 20% darker color. If you saturate the color by 10%, you get $58, 16.199, 46.239$, and if you desaturate by 10%, it is $66, 4.257, 46.959$.

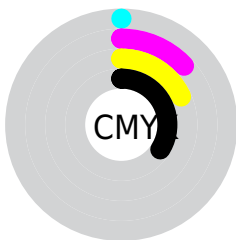
Distribution



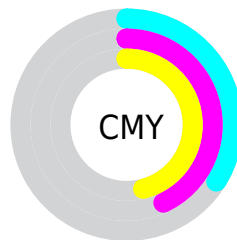
- Red (65%)
- Green (57%)
- Blue (54%)



- Red (65%)
- Yellow (58%)
- Blue (54%)



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (34%)



- Cyan (34%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 10.000, 46.566 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, 10.000, 46.566 by changing the saturation by 10% instead.

■ 62, 10.000, 46.566

■ 62, 10.000, 46.566

■ 100, 10.000,
46.566

■ 52, 10.000, 46.566

■ 82, 10.000, 46.566

■ 42, 10.000, 46.566

■ 92, 10.000, 46.566

■ 32, 10.000, 46.566

■ 22, 10.000, 46.566

■ 12, 10.000, 46.566

■ 2, 10.000, 46.566

■ 0, 10.000, 46.566

■ 62, 10.000, 46.566

■ 62, 10.000, 46.566

■ 58, 16.199, 46.239

■ 66, 4.257, 46.959

55, 22.890, 46.000

69, 1.069, 227.998

52, 30.085, 45.891

73, 6.021, 228.195

48, 37.764, 45.932

77, 10.643,
228.739

45, 45.832, 46.112

81, 14.974,
229.320

43, 54.055, 46.356

40, 61.893, 46.432

84, 19.050,
229.914

38, 68.556, 46.080

88, 22.902,
230.509

38, 69.972, 46.158

92, 24.324,
212.349

95, 27.478,
197.724

Harmonies

Complementary

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



62, 10.000, 46.566



64, 8.991, 228.708

Rectangle

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



62, 10.000, 46.566



62, 10.000, 96.566



62, 10.000, 226.566



62, 10.000, 276.566

Sweetspot

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



62, 9.999, 46.578



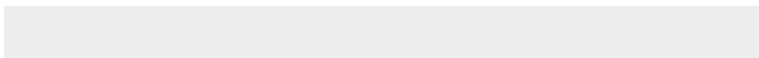
84, 3.273, 47.035



61, 16.921, 334.145



45, 2.257, 47.022



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 9.999, 46.578



77, 15.406, 46.417



66, 12.988, 96.237



34, 3.065, 46.911



33, 63.591, 46.405



2, 5.491, 42.956

Inverse Universe

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



64, 8.991, 228.708



80, 13.450, 229.095



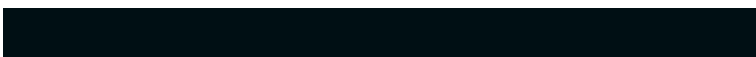
60, 13.178, 280.645



34, 2.910, 228.102



43, 30.919, 248.737



4, 5.385, 236.329

Previews

White Background



This preview shows how the CIELCh color 62, 10.000, 46.566 looks on a white background.

Color Contrast Check

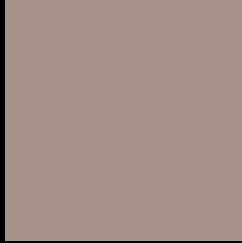
Large Text (above 18pt) WCAG AA × Fail

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, 10.000, 46.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

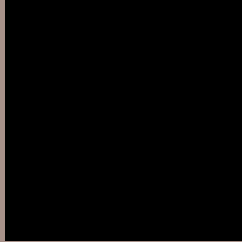
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 10.000, 46.566

Background



This preview shows how black text looks on a background with the CIELCh color 62, 10.000, 46.566.



This preview shows how white text looks on a background with the CIELCh color 62, 10.000, 46.566.

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, 10.000, 46.566

Protanopia

62, 6.068, 86.341

Deuteranopia

62, 10.751, 44.648



Tritanopia
62, 11.856, 349.381

Trichromacy



Original Color
62, 10.000, 46.566

Protanomaly
62, 7.117, 71.216

Deuteranomaly
62, 10.373, 45.572

Tritanomaly
62, 9.736, 7.115

Monochromacy



Original Color
62, 10.000, 46.566

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 3.548, 47.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 10.000, 46.566 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(167, 145, 137)` looks like.

```
.text, #text, p{  
    color:rgb(167, 145, 137)  
}
```

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(167, 145, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 145, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 10.000, 46.566 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(167, 145, 137) }
```

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

```
.border{ border-color:rgb(167, 145, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 145, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 145, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 145, 137);  
box-shadow:4px 4px 4px 4px rgb(167, 145,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 10.000, 46.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 145, 137) }
```

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

```
.background{ background-color: rgb(167,  
145, 137) }
```

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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