

Converting Colors

CIELCh(62, 7.970, 44.777)

Have a look what the booklet for
CIELCh(62, 7.970, 44.777) contains.

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Color

CIELCh(62, 7.970, 44.777)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A4928C |
| RGB | 164, 146, 140 |
| RGB Percent | 64%, 57%, 55% |
| CMY | 0.3563, 0.4269, 0.4505 |
| CMYK | 0.00, 0.11, 0.15, 0.36 |
| HSL | 15°, 12%, 60% |
| HSV | 15°, 15%, 64% |
| XYZ | 30.3802, 30.4025, 29.1284 |
| YIQ | 150.6980, 12.6540, 1.9500 |

Conversions

Conversions Part 2

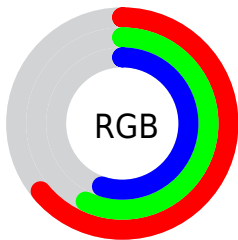
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 164, 148, 140 |
| Decimal | 10785420 |
| CIELab | 62.00, 5.66, 5.61 |
| CIELCh | 62, 7.970, 44.777 |
| Yxy | 30.4025, 0.3379, 0.3381 |
| Android (android.graphics.Color) | 4288975500 (0xFFA4928C) |
| YUV | 150.6980, -5.2741, 11.6659 |
| Hunter-Lab | 55.1385, 1.8574, 7.2754 |

Details

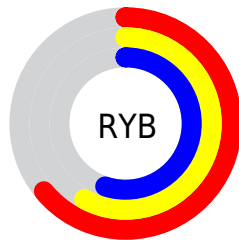
The CIELCh color $62, 7.970, 44.777$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 7.304, 226.309$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 7.806, 43.714$, and $42, 7.898, 47.220$ is the 20% darker color. If you saturate the color by 10%, you get $58, 13.962, 44.515$, and if you desaturate by 10%, it is $66, 2.423, 45.047$.

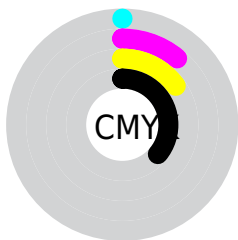
Distribution



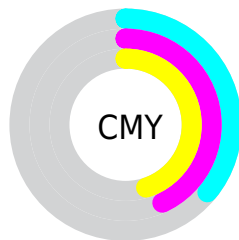
- Red (64%)
- Green (57%)
- Blue (55%)



- Red (64%)
- Yellow (58%)
- Blue (55%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 7.970, 44.777 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, 7.970, 44.777 by changing the saturation by 10% instead.

 62, 7.970, 44.777  62, 7.970, 44.777

 100, 7.970, 44.777  52, 7.970, 44.777

 82, 7.970, 44.777  42, 7.970, 44.777

 92, 7.970, 44.777  32, 7.970, 44.777

 22, 7.970, 44.777

 12, 7.970, 44.777

 2, 7.970, 44.777

 0, 7.970, 44.777

 62, 7.970, 44.777  62, 7.970, 44.777

 58, 13.962, 44.515  66, 2.423, 45.047

55, 20.437, 44.335

69, 2.719, 225.851

51, 27.414, 44.288

73, 7.500, 226.236

48, 34.886, 44.400

77, 11.962,
226.734

45, 42.787, 44.679

81, 16.143,
227.261

42, 50.944, 45.081

40, 58.954, 45.443

85, 20.078,
227.801

38, 65.954, 45.358

88, 23.792,
228.312

37, 69.530, 45.516

92, 25.398,
210.235

95, 28.316,
197.672

Harmonies

Complementary

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



62, 7.970, 44.777



64, 7.304, 226.309

Rectangle

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



62, 7.970, 44.777



62, 7.970, 94.777



62, 7.970, 224.777



62, 7.970, 274.777

Sweetspot

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



62, 7.969, 44.792



84, 2.597, 45.044



61, 13.719, 333.263



44, 1.848, 45.047



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 7.969, 44.792



77, 12.362, 44.681



65, 10.231, 95.512



33, 3.004, 44.955



33, 63.200, 45.680



2, 4.571, 42.597

Inverse Universe

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



64, 7.304, 226.309



80, 11.058, 226.564



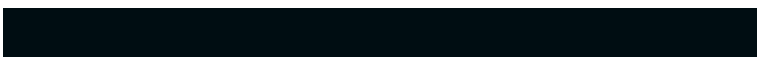
61, 10.333, 279.097



33, 2.849, 226.003



43, 29.947, 245.297



3, 4.478, 232.047

Previews

White Background



This preview shows how the CIELCh color 62, 7.970, 44.777 looks on a white background.

Color Contrast Check

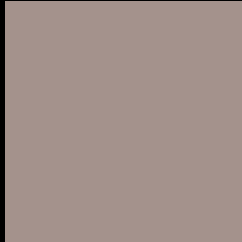
Large Text (above 18pt) WCAG AA × Fail

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, 7.970, 44.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

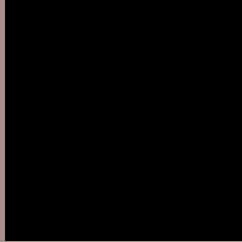
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 7.970, 44.777

Background



This preview shows how black text looks on a background with the CIELCh color 62, 7.970, 44.777.



This preview shows how white text looks on a background with the CIELCh color 62, 7.970, 44.777.

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, 7.970, 44.777

Protanopia

62, 4.370, 82.856

Deuteranopia

62, 9.689, 36.888



Tritanopia
62, 10.538, 344.725

Trichromacy



Original Color
62, 7.970, 44.777

Protanomaly
62, 5.570, 64.144

Deuteranomaly
62, 9.295, 37.585

Tritanomaly
62, 8.330, 0.622

Monochromacy



Original Color
62, 7.970, 44.777

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.947, 41.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 7.970, 44.777 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(164, 146, 140)` looks like.

```
.text, #text, p{  
    color:rgb(164, 146, 140)  
}
```

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(164, 146, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 146, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 7.970, 44.777 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(164, 146, 140) }
```

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

```
.border{ border-color:rgb(164, 146, 140) }
```

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

Here you see how a box with a 4 pixel rgb(164, 146, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 146, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 146, 140);  
box-shadow:4px 4px 4px 4px rgb(164, 146,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 7.970, 44.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 146, 140) }
```

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

```
.background{ background-color: rgb(164,  
146, 140) }
```

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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