

Converting Colors

CIELCh(62, 6.596, 37.829)

Have a look what the booklet for
CIELCh(62, 6.596, 37.829) contains.

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Color

CIELCh(62, 6.366, 40.370)

Conversions

Conversions Part 1

Format	Color
Hex	A2938F
RGB	162, 147, 143
RGB Percent	64%, 58%, 56%
CMY	0.3659, 0.4246, 0.4403
CMYK	0.00, 0.09, 0.12, 0.37
HSL	13°, 9%, 60%
HSV	13°, 12%, 63%
XYZ	30.1654, 30.4025, 30.1507
YIQ	151.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

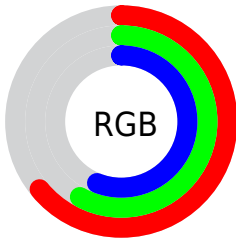
Format	Color
R _Y B	162, 148, 143
Decimal	10654607
CIE Lab	62.00, 4.85, 4.12
CIE LCh	62, 6.366, 40.370
Yxy	30.4025, 0.3325, 0.3351
Android (android.graphics.Color)	4288844687 (0xFFA2938F)
YUV	151.0290, -3.9583, 9.6216
Hunter-Lab	55.1385, 1.1622, 6.1762

Details

The CIELCh color $62, 6.366, 40.370$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 5.924, 221.206$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 6.323, 39.213$, and $42, 6.313, 36.654$ is the 20% darker color. If you saturate the color by 10%, you get $58, 12.271, 40.297$, and if you desaturate by 10%, it is $66, 0.908, 40.173$.

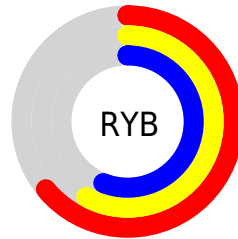
Distribution



Red (64%)

Green (58%)

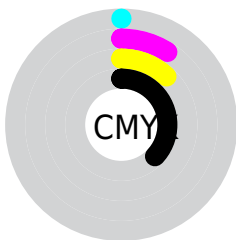
Blue (56%)



Red (64%)

Yellow (58%)

Blue (56%)

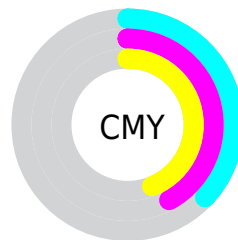


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (37%)



Cyan (37%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 6.366, 40.370 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, 6.366, 40.370 by changing the saturation by 10% instead.

 62, 6.366, 40.370

 62, 6.366, 40.370

 100, 6.366, 40.370

 52, 6.366, 40.370

 82, 6.366, 40.370

 42, 6.366, 40.370

 92, 6.366, 40.370

 32, 6.366, 40.370

 22, 6.366, 40.370

 12, 6.366, 40.370

 2, 6.366, 40.370

 0, 6.366, 40.370

 62, 6.366, 40.370

 62, 6.366, 40.370

 58, 12.271, 40.297

 66, 0.908, 40.173

55, 18.662, 40.308

70, 4.144, 221.083

51, 25.560, 40.471

74, 8.834, 221.366

48, 32.962, 40.821

78, 13.203,
221.726

44, 40.816, 41.383

81, 17.291,
222.117

42, 48.983, 42.143

39, 57.142, 42.989

85, 21.133,
222.526

37, 64.586, 43.584

89, 24.628,
221.858

36, 69.998, 44.083

93, 27.074,
204.585

94, 28.950,
197.634

Harmonies

Complementary

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



62, 6.366, 40.370



64, 5.924, 221.206

Rectangle

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



62, 6.366, 40.370



62, 6.366, 90.370



62, 6.366, 220.370



62, 6.366, 270.370

Sweetspot

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



62, 6.365, 40.388



82, 2.591, 40.407



61, 11.259, 331.223



43, 1.843, 40.422



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, 6.365, 40.388



77, 9.448, 40.359



64, 7.700, 92.267



33, 3.058, 40.414



32, 64.289, 44.100



2, 4.654, 38.416

Inverse Universe

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



64, 5.924, 221.206



80, 8.647, 221.305



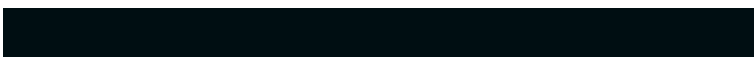
61, 7.723, 275.222



33, 2.892, 221.124



45, 29.006, 237.032



3, 4.516, 226.665

Previews

White Background



This preview shows how the CIELCh color 62, 6.366, 40.370 looks on a white background.

Color Contrast Check

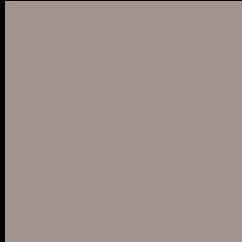
Large Text (above 18pt) WCAG AA × Fail

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, 6.366, 40.370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

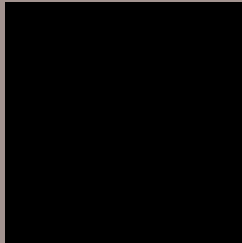
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 6.366, 40.370

Background



This preview shows how black text looks on a background with the CIELCh color 62, 6.366, 40.370.



This preview shows how white text looks on a background with the CIELCh color 62, 6.366, 40.370.

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, 6.366, 40.370

Protanopia

62, 3.402, 74.563

Deuteranopia

62, 8.862, 27.411



Tritanopia
62, 9.606, 340.482

Trichromacy



Original Color
62, 6.366, 40.370

Protanomaly
62, 4.184, 51.858

Deuteranomaly
62, 7.761, 32.483

Tritanomaly
62, 7.212, 357.292

Monochromacy



Original Color
62, 6.366, 40.370

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.398, 32.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 6.366, 40.370 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(162, 147, 143)` looks like.

```
.text, #text, p{  
    color:rgb(162, 147, 143)  
}
```

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(162, 147, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 147, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 6.366, 40.370 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(162, 147, 143) }
```

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

```
.border{ border-color:rgb(162, 147, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 147, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 147, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 147, 143);  
box-shadow:4px 4px 4px 4px rgb(162, 147,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 6.366, 40.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 147, 143) }
```

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

```
.background{ background-color: rgb(162,  
147, 143) }
```

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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