

Converting Colors

CIELCh(64, 3.785, 38.557)

Have a look what the booklet for
CIELCh(64, 3.785, 38.557) contains.

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Color

CIELCh(64, 3.673, 37.188)

Conversions

Conversions Part 1

Format	Color
Hex	A29997
RGB	162, 153, 151
RGB Percent	64%, 60%, 59%
CMY	0.3638, 0.3991, 0.4070
CMYK	0.00, 0.06, 0.07, 0.36
HSL	11°, 6%, 61%
HSV	11°, 7%, 64%
XYZ	31.9774, 32.8017, 34.0185
YIQ	155.4630, 6.0060, 1.2860

Conversions

Conversions Part 2

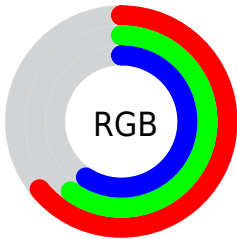
Format	Color
RYB	162, 153, 151
Decimal	10656151
CIELab	64.00, 2.93, 2.22
CIELCh	64, 3.673, 37.188
Yxy	32.8017, 0.3237, 0.3320
Android (android.graphics.Color)	4288846231 (0xFFA29997)
YUV	155.4630, -2.2003, 5.7329
Hunter-Lab	57.2727, -0.5643, 4.8743

Details

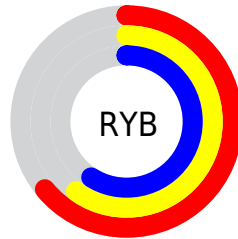
The CIELCh color **64, 3.673, 37.188** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 3.525, 217.673**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 3.815, 35.506**, and **44, 3.571, 39.216** is the 20% darker color. If you saturate the color by 10%, you get **60, 9.463, 37.259**, and if you desaturate by 10%, it is **68, 1.677, 217.753**.

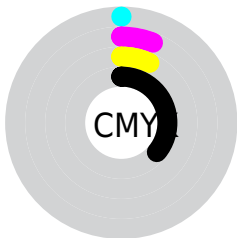
Distribution



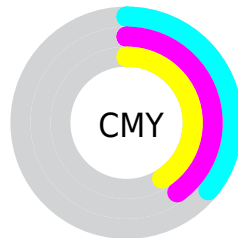
- Red (64%)
- Green (60%)
- Blue (59%)



- Red (64%)
- Yellow (60%)
- Blue (59%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (36%)



- Cyan (36%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients



These gradients show how the CIELCh color 64, 3.673, 37.188 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 64, 3.673, 37.188 by changing the saturation by 10% instead.

 64, 3.673, 37.188  64, 3.673, 37.188

 100, 3.673, 37.188  54, 3.673, 37.188

 84, 3.673, 37.188  44, 3.673, 37.188

 94, 3.673, 37.188  34, 3.673, 37.188


 24, 3.673, 37.188

 14, 3.673, 37.188

 4, 3.673, 37.188

 0, 3.673, 37.188

 64, 3.673, 37.188  64, 3.673, 37.188

 60, 9.463, 37.259  68, 1.677, 217.753

56, 15.736, 37.366

72, 6.629, 217.743

52, 22.517, 37.621

76, 11.228,
217.963

49, 29.814, 38.070

80, 15.514,
218.236

46, 37.593, 38.753

42, 45.756, 39.686

84, 19.527,
218.537

40, 54.080, 40.825

88, 23.299,
218.857

37, 62.077, 41.963

36, 68.860, 42.709

92, 26.241,
208.012

95, 28.815,
197.642

Harmonies

Complementary

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



64, 3.673, 37.188



65, 3.525, 217.673

Rectangle

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



64, 3.673, 37.188



64, 3.673, 87.188



64, 3.673, 217.188



64, 3.673, 267.188

Sweetspot

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



64, 3.672, 37.217



84, 1.318, 36.963



64, 6.653, 329.753



45, 0.755, 36.938



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 3.672, 37.217



81, 5.409, 37.228



65, 4.288, 90.257



32, 3.109, 37.234



31, 65.008, 43.106



2, 4.730, 35.488

Inverse Universe

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



65, 3.525, 217.673



83, 5.145, 217.682



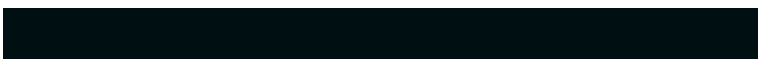
64, 4.295, 272.022



34, 2.936, 217.696



46, 28.687, 230.902



3, 4.569, 222.726

Previews

White Background



This preview shows how the CIELCh color 64, 3.673, 37.188 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 64, 3.673, 37.188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

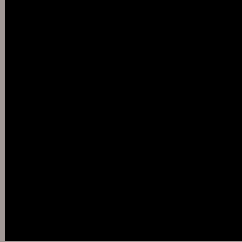
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

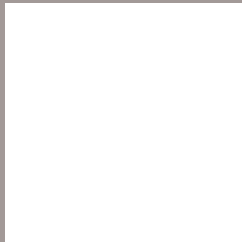
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 3.673, 37.188

Background



This preview shows how black text looks on a background with the CIELCh color 64, 3.673, 37.188.



This preview shows how white text looks on a background with the CIELCh color 64, 3.673, 37.188.

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


64, 3.673, 37.188

Protanopia

64, 2.223, 49.339

Deuteranopia

64, 8.319, 12.509



Tritanopia
64, 8.360, 326.997

Trichromacy



Original Color
64, 3.673, 37.188

Protanomaly
64, 2.570, 45.030

Deuteranomaly
64, 6.680, 15.219

Tritanomaly
64, 5.772, 337.403

Monochromacy



Original Color
64, 3.673, 37.188

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.275, 44.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 3.673, 37.188 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, 153, 151)` looks like.

```
.text, #text, p{  
    color:rgb(162, 153, 151)  
}
```

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, 153, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 153, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 3.673, 37.188 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, 153, 151) }
```

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

```
.border{ border-color:rgb(162, 153, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 153, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 153, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 153, 151);  
box-shadow:4px 4px 4px 4px rgb(162, 153,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 3.673, 37.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 153, 151) }
```

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

```
.background{ background-color: rgb(162,  
153, 151) }
```

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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