

Converting Colors

CIELCh(64, 33.286, 38.022)

Have a look what the booklet for
CIELCh(64, 33.286, 38.022) contains.

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Color

CIELCh(64, 33.374, 37.520)

Conversions

Conversions Part 1

Format	Color
Hex	D28878
RGB	210, 136, 120
RGB Percent	82%, 53%, 47%
CMY	0.1752, 0.4655, 0.5283
CMYK	0.00, 0.35, 0.43, 0.18
HSL	11°, 50%, 65%
HSV	11°, 43%, 82%
XYZ	38.9221, 32.8017, 22.1385
YIQ	156.3020, 49.2400, 10.7120

Conversions

Conversions Part 2

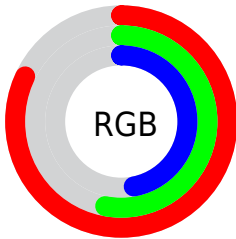
Format	Color
R _Y B	210, 139, 120
Decimal	13797496
CIE Lab	64.00, 26.47, 20.33
CIE LCh	64, 33.374, 37.520
Yxy	32.8017, 0.4147, 0.3495
Android (android.graphics.Color)	4291987576 (0xFFD28878)
YUV	156.3020, -17.8969, 47.0931
Hunter-Lab	57.2727, 21.0797, 17.1727

Details

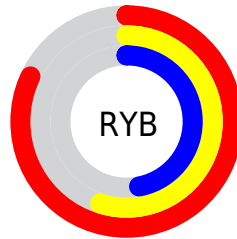
The CIELCh color **64, 33.374, 37.520** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 24.278, 218.917**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 27.817, 40.944**, and **44, 33.635, 37.562** is the 20% darker color. If you saturate the color by 10%, you get **60, 42.829, 38.176**, and if you desaturate by 10%, it is **69, 24.542, 37.108**.

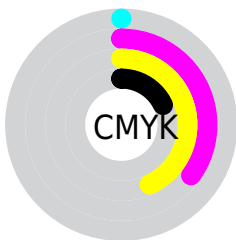
Distribution



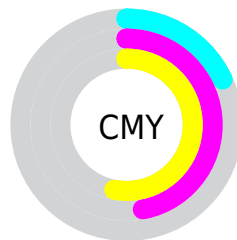
- Red (82%)
- Green (53%)
- Blue (47%)



- Red (82%)
- Yellow (55%)
- Blue (47%)



- Cyan (0%)
- Magenta (35%)
- Yellow (43%)
- Black (18%)



- Cyan (18%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 33.374, 37.520 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, 33.374, 37.520 by changing the saturation by 10% instead.

64, 33.374, 37.520

64, 33.374, 37.520

100, 33.374,
37.520

54, 33.374, 37.520

84, 33.374, 37.520

44, 33.374, 37.520

94, 33.374, 37.520

34, 33.374, 37.520

24, 33.374, 37.520

14, 33.374, 37.520

4, 33.374, 37.520

0, 33.374, 37.520

64, 33.374, 37.520

64, 33.374, 37.520

60, 42.829, 38.176

69, 24.542, 37.108

56, 52.815, 39.092

73, 16.361, 36.882

52, 63.099, 40.252

78, 8.813, 36.791

49, 73.174, 41.498

83, 1.855, 36.605

47, 81.911, 42.357

88, 4.567, 217.180

46, 86.818, 42.668

93, 10.509,
217.318

97, 14.898,
198.513

Harmonies

Complementary

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



64, 33.374, 37.520



74, 24.278, 218.917

Rectangle

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



64, 33.374, 37.520



64, 33.374, 87.520



64, 33.374, 217.520



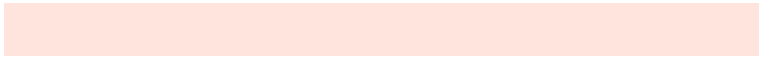
64, 33.374, 267.520

Sweetspot

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



64, 33.372, 37.525



93, 10.471, 36.793



63, 51.615, 332.087



48, 7.395, 36.806



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 33.372, 37.525



72, 48.128, 38.081



75, 34.672, 85.513



41, 3.831, 36.774



37, 73.177, 43.007



6, 17.996, 29.088

Inverse Universe

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



74, 24.278, 218.917



87, 32.330, 219.837



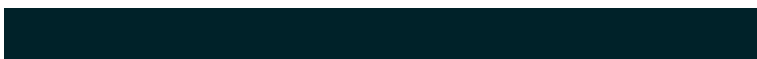
62, 34.440, 278.494



43, 3.610, 217.203



53, 31.934, 230.457



11, 12.230, 223.027

Previews

White Background



This preview shows how the CIELCh color 64, 33.374, 37.520 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, 33.374, 37.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

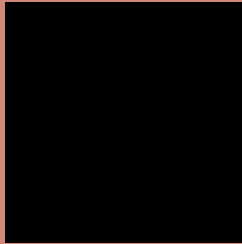
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 33.374, 37.520

Background



This preview shows how black text looks on a background with the CIELCh color 64, 33.374, 37.520.



This preview shows how white text looks on a background with the CIELCh color 64, 33.374, 37.520.

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, 33.374, 37.520

Protanopia

64, 14.875, 94.211

Deuteranopia

64, 22.737, 68.640



Tritanopia
64, 32.447, 13.314

Trichromacy



Original Color
64, 33.374, 37.520

Protanomaly
64, 18.643, 60.870

Deuteranomaly
64, 25.536, 53.436

Tritanomaly
64, 31.947, 21.806

Monochromacy



Original Color
64, 33.374, 37.520

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 11.218, 34.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 33.374, 37.520 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(210, 136, 120)` looks like.

```
.text, #text, p{  
    color:rgb(210, 136, 120)  
}
```

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(210, 136, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 136, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 33.374, 37.520 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(210, 136, 120) }
```

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

```
.border{ border-color:rgb(210, 136, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 136, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 136, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 136, 120);  
box-shadow:4px 4px 4px 4px rgb(210, 136,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 33.374, 37.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 136, 120) }
```

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

```
.background{ background-color: rgb(210,  
136, 120) }
```

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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