

Converting Colors

CIELCh(64, 38.142, 29.149)

Have a look what the booklet for
CIELCh(64, 38.142, 29.149) contains.

CIELCh(64, 38.231, 29.012)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 38.231, 29.012)

Conversions

Conversions Part 1

Format	Color
Hex	DC837C
RGB	220, 131, 124
RGB Percent	86%, 51%, 49%
CMY	0.1382, 0.4871, 0.5145
CMYK	0.00, 0.40, 0.44, 0.14
HSL	4°, 58%, 67%
HSV	4°, 44%, 86%
XYZ	41.1532, 32.8017, 23.1615
YIQ	156.8130, 55.2910, 16.6910

Conversions

Conversions Part 2

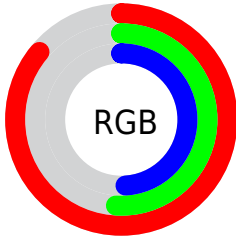
Format	Color
R _Y B	220, 132, 124
Decimal	14451580
CIE Lab	64.00, 33.43, 18.54
CIE LCh	64, 38.231, 29.012
Yxy	32.8017, 0.4238, 0.3378
Android (android.graphics.Color)	4292641660 (0xFFDC837C)
YUV	156.8130, -16.1768, 55.4150
Hunter-Lab	57.2727, 28.0336, 16.1137

Details

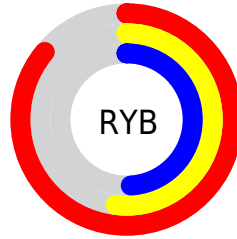
The CIELCh color **64, 38.231, 29.012** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80, 27.550, 205.386**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 28.052, 30.134**, and **44, 38.276, 29.291** is the 20% darker color. If you saturate the color by 10%, you get **59, 48.640, 30.507**, and if you desaturate by 10%, it is **69, 28.368, 27.894**.

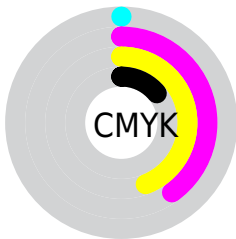
Distribution



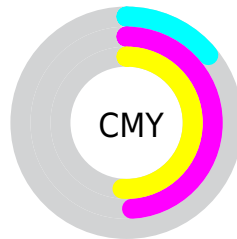
- Red (86%)
- Green (51%)
- Blue (49%)



- Red (86%)
- Yellow (52%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (44%)
- Black (14%)



- Cyan (14%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 38.231, 29.012 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, 38.231, 29.012 by changing the saturation by 10% instead.

64, 38.231, 29.012

64, 38.231, 29.012

100, 38.231,
29.012

54, 38.231, 29.012

84, 38.231, 29.012

44, 38.231, 29.012

94, 38.231, 29.012

34, 38.231, 29.012

24, 38.231, 29.012

14, 38.231, 29.012

4, 38.231, 29.012

0, 38.231, 29.012

64, 38.231, 29.012

64, 38.231, 29.012

59, 48.640, 30.507

69, 28.368, 27.894

55, 59.409, 32.433

74, 19.155, 27.061

52, 70.204, 34.797

80, 10.617, 26.439

49, 80.413, 37.404

86, 2.736, 25.851

47, 88.714, 39.600

91, 4.534, 205.903

46, 92.473, 40.660

97, 11.236,
203.932

98, 11.882,
198.712

Harmonies

Complementary

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



64, 38.231, 29.012



80, 27.550, 205.386

Rectangle

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



64, 38.231, 29.012



64, 38.231, 79.012



64, 38.231, 209.012



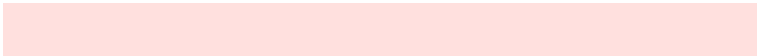
64, 38.231, 259.012

Sweetspot

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



64, 38.229, 29.016



92, 11.366, 26.408



65, 58.286, 328.743



48, 8.026, 26.531



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, 38.229, 29.016



69, 52.958, 30.300



75, 34.392, 76.489



43, 4.326, 26.213



36, 77.225, 40.809



6, 22.706, 23.950

Inverse Universe

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



80, 27.550, 205.386



90, 35.270, 205.541



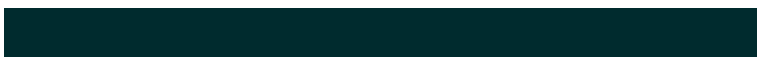
67, 31.955, 270.169



45, 4.070, 205.762



60, 34.252, 208.837



15, 13.941, 206.509

Previews

White Background



This preview shows how the CIELCh color 64, 38.231, 29.012 looks on a white background.

Color Contrast Check

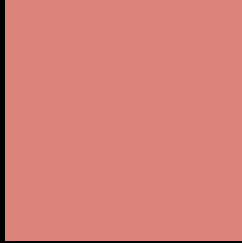
Large Text (above 18pt) WCAG AA × Fail

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, 38.231, 29.012 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, 38.231, 29.012

Background



This preview shows how black text looks on a background with the CIELCh color 64, 38.231, 29.012.



This preview shows how white text looks on a background with the CIELCh color 64, 38.231, 29.012.

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, 38.231, 29.012

Protanopia

64, 11.018, 91.958

Deuteranopia

64, 21.558, 67.844



Tritanopia
64, 37.936, 16.289

Trichromacy



Original Color
64, 38.231, 29.012

Protanomaly
64, 17.727, 46.491

Deuteranomaly
64, 26.209, 47.348

Tritanomaly
64, 37.849, 21.086

Monochromacy



Original Color
64, 38.231, 29.012

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 13.323, 25.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 38.231, 29.012 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(220, 131, 124)` looks like.

```
.text, #text, p{  
    color:rgb(220, 131, 124)  
}
```

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(220, 131, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 131, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 38.231, 29.012 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(220, 131, 124) }
```

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

```
.border{ border-color:rgb(220, 131, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 131, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 131, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 131, 124);  
box-shadow:4px 4px 4px 4px rgb(220, 131,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 38.231, 29.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 131, 124) }
```

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

```
.background{ background-color: rgb(220,  
131, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor