

Converting Colors

CIELCh(64, 36.623, 30.131)

Have a look what the booklet for
CIELCh(64, 36.623, 30.131) contains.

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Color

CIELCh(64, 36.637, 29.903)

Conversions

Conversions Part 1

Format	Color
Hex	D9847C
RGB	217, 132, 124
RGB Percent	85%, 52%, 49%
CMY	0.1482, 0.4816, 0.5130
CMYK	0.00, 0.39, 0.43, 0.15
HSL	5°, 55%, 67%
HSV	5°, 43%, 85%
XYZ	40.6092, 32.8017, 23.3231
YIQ	156.5030, 53.2280, 15.5320

Conversions

Conversions Part 2

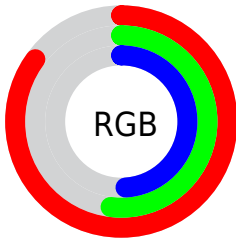
Format	Color
RYB	217, 133, 124
Decimal	14255228
CIELab	64.00, 31.76, 18.26
CIElCh	64, 36.637, 29.903
Yxy	32.8017, 0.4198, 0.3391
Android (android.graphics.Color)	4292445308 (0xFFD9847C)
YUV	156.5030, -16.0240, 53.0559
Hunter-Lab	57.2727, 26.3381, 15.9464

Details

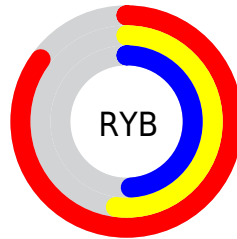
The CIELCh color **64, 36.637, 29.903** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79, 26.566, 206.952**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 27.766, 31.256**, and **44, 36.589, 30.070** is the 20% darker color. If you saturate the color by 10%, you get **59, 46.839, 31.264**, and if you desaturate by 10%, it is **69, 27.005, 28.895**.

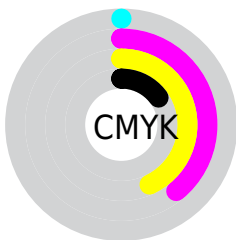
Distribution



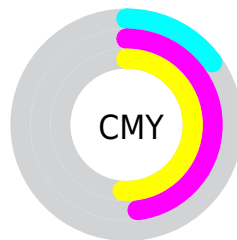
- Red (85%)
- Green (52%)
- Blue (49%)



- Red (85%)
- Yellow (52%)
- Blue (49%)



- Cyan (0%)
- Magenta (39%)
- Yellow (43%)
- Black (15%)



- Cyan (15%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 36.637, 29.903 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, 36.637, 29.903 by changing the saturation by 10% instead.

64, 36.637, 29.903

64, 36.637, 29.903

100, 36.637,
29.903

54, 36.637, 29.903

84, 36.637, 29.903

44, 36.637, 29.903

94, 36.637, 29.903

34, 36.637, 29.903

24, 36.637, 29.903

14, 36.637, 29.903

4, 36.637, 29.903

0, 36.637, 29.903

64, 36.637, 29.903

64, 36.637, 29.903

59, 46.839, 31.264

69, 27.005, 28.895

■ 55, 57.450, 33.028

■ 74, 18.029, 28.152

■ 52, 68.164, 35.207

■ 80, 9.721, 27.605

■ 49, 78.419, 37.634

■ 85, 2.056, 27.019

■ 47, 86.993, 39.728

■ 91, 5.012, 207.186

■ 46, 91.422, 40.832

■ 96, 11.543,
206.972

■ 97, 12.700,
198.658

Harmonies

Complementary

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



64, 36.637, 29.903



79, 26.566, 206.952

Rectangle

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



64, 36.637, 29.903



64, 36.637, 79.903



64, 36.637, 209.903



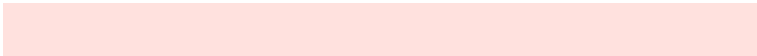
64, 36.637, 259.903

Sweetspot

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



64, 36.635, 29.907



92, 11.234, 27.619



65, 56.072, 329.226



48, 7.934, 27.729



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, 36.635, 29.907



70, 51.263, 31.056



75, 33.679, 78.176



43, 4.275, 27.444



36, 77.009, 41.000



6, 22.508, 24.658

Inverse Universe

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



79, 26.566, 206.952



90, 34.385, 207.180



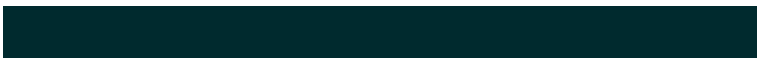
66, 31.715, 271.524



45, 4.022, 207.095



60, 33.824, 211.362



15, 13.779, 208.532

Previews

White Background



This preview shows how the CIELCh color 64, 36.637, 29.903 looks on a white background.

Color Contrast Check

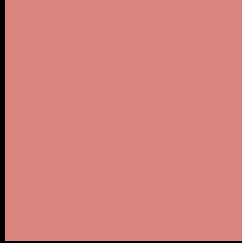
Large Text (above 18pt) WCAG AA × Fail

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, 36.637, 29.903 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, 36.637, 29.903

Background



This preview shows how black text looks on a background with the CIELCh color 64, 36.637, 29.903.



This preview shows how white text looks on a background with the CIELCh color 64, 36.637, 29.903.

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, 36.637, 29.903

Protanopia

64, 11.551, 92.671

Deuteranopia

64, 21.120, 66.979



Tritanopia
64, 36.636, 15.000

Trichromacy



Original Color
64, 36.637, 29.903

Protanomaly
64, 17.554, 50.713

Deuteranomaly
64, 25.380, 48.169

Tritanomaly
64, 36.125, 20.752

Monochromacy



Original Color
64, 36.637, 29.903

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 12.580, 28.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 36.637, 29.903 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(217, 132, 124)` looks like.

```
.text, #text, p{  
    color:rgb(217, 132, 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(217, 132, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 132, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 36.637, 29.903 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(217, 132, 124) }
```

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

```
.border{ border-color:rgb(217, 132, 124) }
```

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

Here you see how a box with a 4 pixel rgb(217, 132, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 132, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 132, 124);  
box-shadow:4px 4px 4px 4px rgb(217, 132,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 36.637, 29.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 132, 124) }
```

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

```
.background{ background-color: rgb(217,  
132, 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](#).

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