

Converting Colors

CIELCh(65, 37.157, 24.899)

Have a look what the booklet for
CIELCh(65, 37.157, 24.899) contains.

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Color

CIELCh(65, 37.382, 24.979)

Conversions

Conversions Part 1

Format	Color
Hex	DE8583
RGB	222, 133, 131
RGB Percent	87%, 52%, 51%
CMY	0.1285, 0.4776, 0.4854
CMYK	0.00, 0.40, 0.41, 0.13
HSL	1°, 58%, 69%
HSV	1°, 41%, 87%
XYZ	42.7272, 34.0472, 25.8679
YIQ	159.3830, 53.6860, 18.2460

Conversions

Conversions Part 2

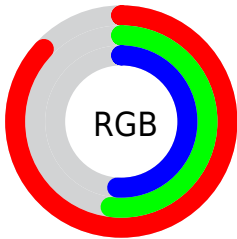
Format	Color
R _Y B	222, 133, 131
Decimal	14583171
CIE Lab	65.00, 33.89, 15.79
CIE LCh	65, 37.382, 24.979
Yxy	34.0472, 0.4163, 0.3317
Android (android.graphics.Color)	4292773251 (0xFFDE8583)
YUV	159.3830, -13.9928, 54.9151
Hunter-Lab	58.3500, 28.5954, 14.5603

Details

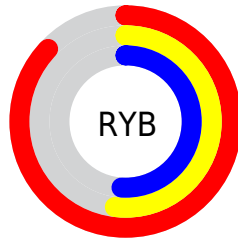
The CIELCh color **65, 37.382, 24.979** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83, 27.787, 199.736**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 26.594, 24.900**, and **45, 37.227, 24.954** is the 20% darker color. If you saturate the color by 10%, you get **60, 48.026, 26.722**, and if you desaturate by 10%, it is **70, 27.243, 23.657**.

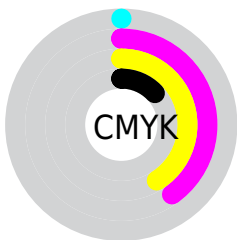
Distribution



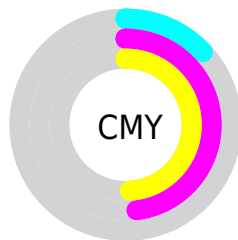
- Red (87%)
- Green (52%)
- Blue (51%)



- Red (87%)
- Yellow (52%)
- Blue (51%)



- Cyan (0%)
- Magenta (40%)
- Yellow (41%)
- Black (13%)



- Cyan (13%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 37.382, 24.979 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 65, 37.382, 24.979 by changing the saturation by 10% instead.

65, 37.382, 24.979

65, 37.382, 24.979

100, 37.382,
24.979

55, 37.382, 24.979

85, 37.382, 24.979

45, 37.382, 24.979

95, 37.382, 24.979

35, 37.382, 24.979

25, 37.382, 24.979

15, 37.382, 24.979

5, 37.382, 24.979

0, 37.382, 24.979

65, 37.382, 24.979

65, 37.382, 24.979

60, 48.026, 26.722

70, 27.243, 23.657

■ 56, 58.958, 28.973

■ 76, 17.739, 22.645

■ 52, 69.832, 31.783

■ 82, 8.912, 21.853

■ 49, 80.121, 35.026

■ 88, 0.751, 20.543

■ 47, 88.765, 38.129

■ 94, 6.787, 200.987

■ 47, 93.975, 40.184

■ 98, 11.074,
198.767

Harmonies

Complementary

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



65, 37.382, 24.979



83, 27.787, 199.736

Rectangle

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



65, 37.382, 24.979



65, 37.382, 74.979



65, 37.382, 204.979



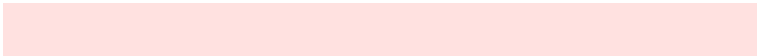
65, 37.382, 254.979

Sweetspot

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



65, 37.380, 24.983



92, 10.959, 21.935



67, 57.277, 327.100



48, 7.308, 22.032



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 37.380, 24.983



69, 51.384, 26.415



76, 31.624, 71.974



44, 4.626, 21.744



37, 78.807, 40.209



6, 25.152, 22.029

Inverse Universe

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



83, 27.787, 199.736



92, 35.575, 199.555



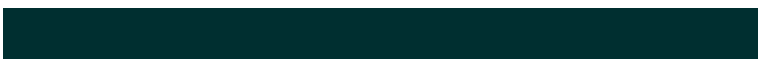
70, 28.471, 264.404



46, 4.355, 200.925



64, 36.787, 199.884



17, 15.185, 199.299

Previews

White Background



This preview shows how the CIELCh color 65, 37.382, 24.979 looks on a white background.

Color Contrast Check

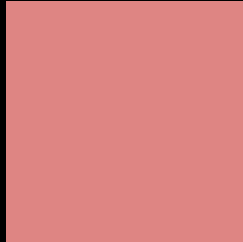
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 65, 37.382, 24.979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

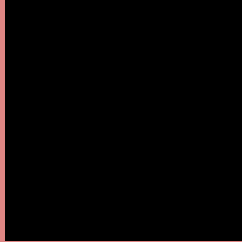
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 37.382, 24.979

Background



This preview shows how black text looks on a background with the CIELCh color 65, 37.382, 24.979.

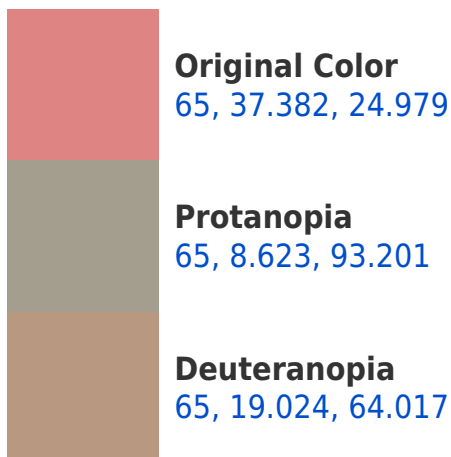


This preview shows how white text looks on a background with the CIELCh color 65, 37.382, 24.979.

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





Tritanopia
65, 37.385, 16.061

Trichromacy



Original Color
65, 37.382, 24.979

Protanomaly
65, 15.817, 40.992

Deuteranomaly
65, 24.242, 42.465

Tritanomaly
65, 37.591, 19.383

Monochromacy



Original Color
65, 37.382, 24.979

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 13.148, 20.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 37.382, 24.979 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(222, 133, 131)` looks like.

```
.text, #text, p{  
    color:rgb(222, 133, 131)  
}
```

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(222, 133, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 133, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 37.382, 24.979 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(222, 133, 131) }
```

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

```
.border{ border-color:rgb(222, 133, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 133, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 133, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 133, 131);  
box-shadow:4px 4px 4px 4px rgb(222, 133,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 37.382, 24.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 133, 131) }
```

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

```
.background{ background-color: rgb(222,  
133, 131) }
```

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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