

Converting Colors

CIELCh(65, 32.986, 30.383)

Have a look what the booklet for
CIELCh(65, 32.986, 30.383) contains.

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Color

CIELCh(65, 33.077, 31.070)

Conversions

Conversions Part 1

Format	Color
Hex	D78A81
RGB	215, 138, 129
RGB Percent	84%, 54%, 51%
CMY	0.1583, 0.4601, 0.4954
CMYK	0.00, 0.36, 0.40, 0.16
HSL	6°, 52%, 67%
HSV	6°, 40%, 84%
XYZ	40.8954, 34.0472, 25.0714
YIQ	159.9970, 48.7810, 13.5250

Conversions

Conversions Part 2

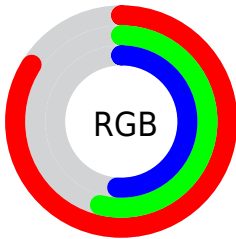
Format	Color
R _Y B	215, 139, 129
Decimal	14125697
CIE Lab	65.00, 28.33, 17.07
CIE LCh	65, 33.077, 31.070
Yxy	34.0472, 0.4089, 0.3404
Android (android.graphics.Color)	4292315777 (0xFFD78A81)
YUV	159.9970, -15.2815, 48.2376
Hunter-Lab	58.3500, 22.9918, 15.3697

Details

The CIELCh color **65, 33.077, 31.070** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78, 24.552, 209.146**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 25.349, 33.099**, and **45, 33.157, 30.864** is the 20% darker color. If you saturate the color by 10%, you get **60, 42.929, 32.194**, and if you desaturate by 10%, it is **70, 23.837, 30.257**.

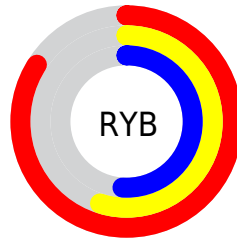
Distribution



Red (84%)

Green (54%)

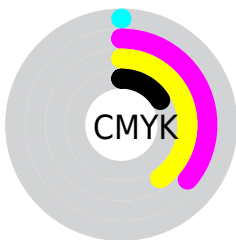
Blue (51%)



Red (84%)

Yellow (55%)

Blue (51%)

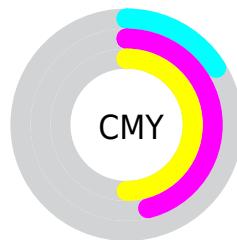


Cyan (0%)

Magenta (36%)

Yellow (40%)

Black (16%)



Cyan (16%)

Magenta (46%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 33.077, 31.070 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, 33.077, 31.070 by changing the saturation by 10% instead.

65, 33.077, 31.070

65, 33.077, 31.070

100, 33.077,
31.070

55, 33.077, 31.070

85, 33.077, 31.070

45, 33.077, 31.070

95, 33.077, 31.070

35, 33.077, 31.070

25, 33.077, 31.070

15, 33.077, 31.070

5, 33.077, 31.070

0, 33.077, 31.070

65, 33.077, 31.070

65, 33.077, 31.070

60, 42.929, 32.194

70, 23.837, 30.257

■ 56, 53.276, 33.677

■ 75, 15.259, 29.672

■ 52, 63.878, 35.547

■ 80, 7.336, 29.246

■ 49, 74.282, 37.704

■ 86, 0.034, 11.688

■ 47, 83.528, 39.731

■ 91, 6.705, 209.029

■ 46, 90.207, 41.111

■ 97, 12.864,
203.310

■ 97, 13.532,
198.603

Harmonies

Complementary

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



65, 33.077, 31.070



78, 24.552, 209.146

Rectangle

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



65, 33.077, 31.070



65, 33.077, 81.070



65, 33.077, 211.070



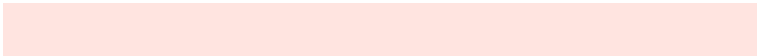
65, 33.077, 261.070

Sweetspot

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



65, 33.075, 31.074



93, 10.164, 29.327



65, 51.542, 329.607



48, 6.779, 29.380



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, 33.075, 31.074



72, 47.082, 31.995



75, 31.383, 80.104



42, 4.127, 29.221



36, 75.793, 41.308



6, 20.574, 25.136

Inverse Universe

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



78, 24.552, 209.146



90, 32.412, 209.446



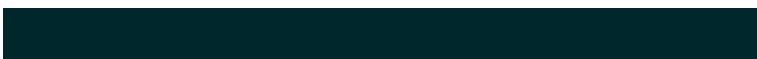
66, 29.984, 272.362



44, 3.883, 209.022



58, 32.963, 215.011



13, 13.128, 211.237

Previews

White Background



This preview shows how the CIELCh color 65, 33.077, 31.070 looks on a white background.

Color Contrast Check

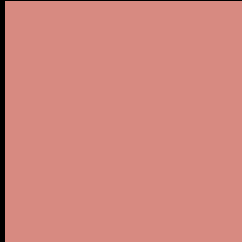
Large Text (above 18pt) WCAG AA × Fail

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 65, 33.077, 31.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

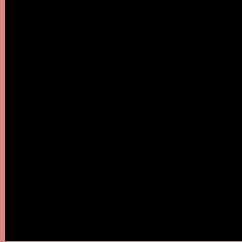
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 33.077, 31.070

Background



This preview shows how black text looks on a background with the CIELCh color 65, 33.077, 31.070.

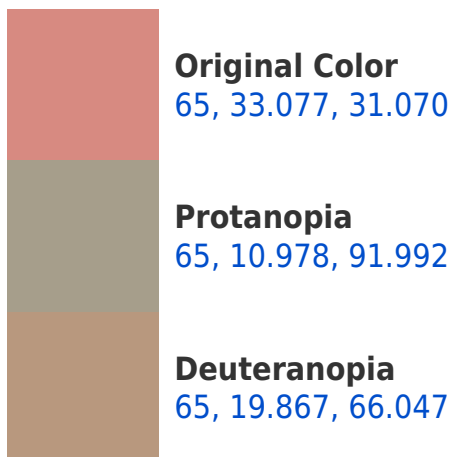


This preview shows how white text looks on a background with the CIELCh color 65, 33.077, 31.070.

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](#).

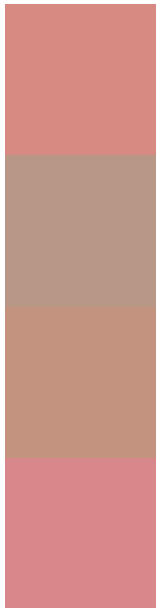
Dichromacy





Tritanopia
65, 33.173, 13.600

Trichromacy



Original Color
65, 33.077, 31.070

Protanomaly
65, 16.357, 52.923

Deuteranomaly
65, 23.356, 48.938

Tritanomaly
65, 32.961, 20.058

Monochromacy



Original Color
65, 33.077, 31.070

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 11.293, 28.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 33.077, 31.070 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(215, 138, 129)` looks like.

```
.text, #text, p{  
    color:rgb(215, 138, 129)  
}
```

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(215, 138, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 138, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 33.077, 31.070 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(215, 138, 129) }
```

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

```
.border{ border-color:rgb(215, 138, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 138, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 138, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 138, 129);  
box-shadow:4px 4px 4px 4px rgb(215, 138,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 33.077, 31.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 138, 129) }
```

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

```
.background{ background-color: rgb(215,  
138, 129) }
```

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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