

Converting Colors

CIELCh(65, 39.842, 41.323)

Have a look what the booklet for
CIELCh(65, 39.842, 41.323) contains.

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Color

CIELCh(65, 40.088, 41.605)

Conversions

Conversions Part 1

Format	Color
Hex	DD8870
RGB	221, 136, 112
RGB Percent	87%, 53%, 44%
CMY	0.1343, 0.4675, 0.5616
CMYK	0.00, 0.38, 0.49, 0.13
HSL	13°, 61%, 65%
HSV	13°, 49%, 87%
XYZ	41.4320, 34.0472, 19.6577
YIQ	158.6790, 58.3640, 10.5560

Conversions

Conversions Part 2

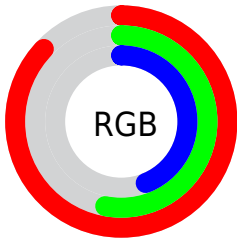
Format	Color
R_{YB}	221, 143, 112
Decimal	14518384
CIE _{Lab}	65.00, 29.98, 26.62
CIE _{LCh}	65, 40.088, 41.605
Yxy	34.0472, 0.4355, 0.3579
Android (android.graphics.Color)	4292708464 (0xFFDD8870)
YUV	158.6790, -23.0127, 54.6555
Hunter-Lab	58.3500, 24.6333, 20.8706

Details

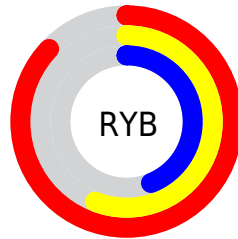
The CIELCh color **65, 40.088, 41.605** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75, 27.771, 225.855**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 29.962, 48.001**, and **45, 40.240, 41.433** is the 20% darker color. If you saturate the color by 10%, you get **61, 50.091, 42.076**, and if you desaturate by 10%, it is **69, 30.691, 41.350**.

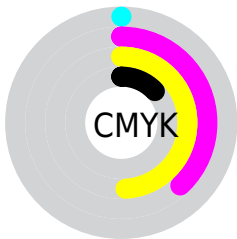
Distribution



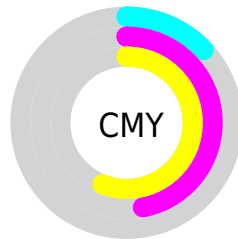
- Red (87%)
- Green (53%)
- Blue (44%)



- Red (87%)
- Yellow (56%)
- Blue (44%)



- Cyan (0%)
- Magenta (38%)
- Yellow (49%)
- Black (13%)



- Cyan (13%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 40.088, 41.605 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, 40.088, 41.605 by changing the saturation by 10% instead.

65, 40.088, 41.605

65, 40.088, 41.605

100, 40.088,
41.605

55, 40.088, 41.605

85, 40.088, 41.605

45, 40.088, 41.605

95, 40.088, 41.605

35, 40.088, 41.605

25, 40.088, 41.605

15, 40.088, 41.605

5, 40.088, 41.605

0, 40.088, 41.605

65, 40.088, 41.605

65, 40.088, 41.605

61, 50.091, 42.076

69, 30.691, 41.350

■ 57, 60.539, 42.740

■ 74, 21.961, 41.273

■ 54, 71.036, 43.495

■ 79, 13.891, 41.340

■ 51, 80.684, 44.009

■ 83, 6.445, 41.492

■ 49, 88.119, 43.839

■ 88, 0.428, 223.222

■ 49, 88.572, 43.855

■ 93, 6.787, 222.310

■ 98, 11.557,
198.734

Harmonies

Complementary

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



65, 40.088, 41.605



75, 27.771, 225.855

Rectangle

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



65, 40.088, 41.605



65, 40.088, 91.605



65, 40.088, 221.605



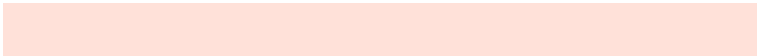
65, 40.088, 271.605

Sweetspot

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



65, 40.086, 41.609



92, 11.890, 41.400



62, 59.129, 334.497



48, 8.183, 41.368



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, 40.086, 41.609



70, 55.992, 42.083



78, 43.274, 88.559



44, 3.890, 41.491



38, 73.549, 44.282



7, 20.681, 32.635

Inverse Universe

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



75, 27.771, 225.855



83, 35.327, 227.621



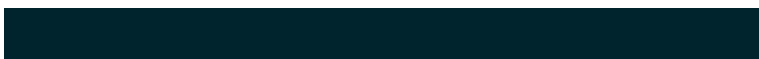
60, 44.473, 283.666



45, 3.672, 222.301



52, 33.297, 239.730



12, 13.125, 231.517

Previews

White Background



This preview shows how the CIELCh color 65, 40.088, 41.605 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, 40.088, 41.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

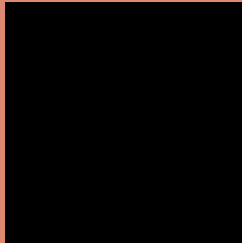
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 40.088, 41.605

Background



This preview shows how black text looks on a background with the CIELCh color 65, 40.088, 41.605.

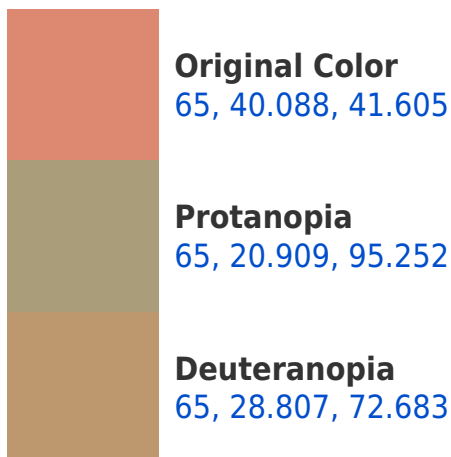


This preview shows how white text looks on a background with the CIELCh color 65, 40.088, 41.605.

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, 40.088, 41.605

Protanomaly
65, 24.328, 66.346

Deuteranomaly
65, 31.783, 57.874

Tritanomaly
65, 37.512, 25.789

Monochromacy



Original Color
65, 40.088, 41.605

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 13.598, 41.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 40.088, 41.605 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(221, 136, 112)` looks like.

```
.text, #text, p{  
    color:rgb(221, 136, 112)  
}
```

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(221, 136, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 136, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 40.088, 41.605 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(221, 136, 112) }
```

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

```
.border{ border-color:rgb(221, 136, 112) }
```

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

Here you see how a box with a 4 pixel rgb(221, 136, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 136, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 136, 112);  
box-shadow:4px 4px 4px 4px rgb(221, 136,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 40.088, 41.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 136, 112) }
```

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

```
.background{ background-color: rgb(221,  
136, 112) }
```

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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