

Converting Colors

CIELCh(65, 38.259, 45.417)

Have a look what the booklet for
CIELCh(65, 38.259, 45.417) contains.

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Color

CIELCh(65, 38.254, 45.640)

Conversions

Conversions Part 1

Format	Color
Hex	D88A6E
RGB	216, 138, 110
RGB Percent	85%, 54%, 43%
CMY	0.1516, 0.4576, 0.5675
CMYK	0.00, 0.36, 0.49, 0.15
HSL	16°, 58%, 64%
HSV	16°, 49%, 85%
XYZ	40.3821, 34.0472, 19.2783
YIQ	158.1300, 55.4760, 7.8280

Conversions

Conversions Part 2

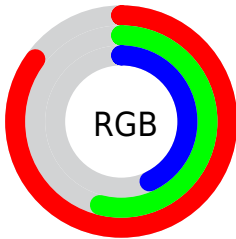
Format	Color
R _Y B	216, 148, 110
Decimal	14191214
CIE Lab	65.00, 26.75, 27.35
CIE LCh	65, 38.254, 45.640
Yxy	34.0472, 0.4309, 0.3633
Android (android.graphics.Color)	4292381294 (0xFFD88A6E)
YUV	158.1300, -23.7281, 50.7520
Hunter-Lab	58.3500, 21.4217, 21.2561

Details

The CIELCh color **65, 38.254, 45.640** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **73, 27.130, 232.435**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 30.401, 51.877**, and **45, 38.258, 45.421** is the 20% darker color. If you saturate the color by 10%, you get **61, 47.842, 45.738**, and if you desaturate by 10%, it is **69, 29.256, 45.709**.

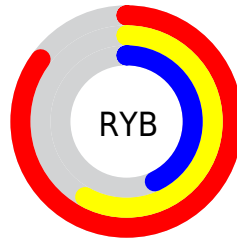
Distribution



Red (85%)

Green (54%)

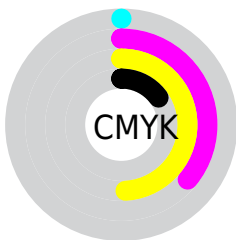
Blue (43%)



Red (85%)

Yellow (58%)

Blue (43%)

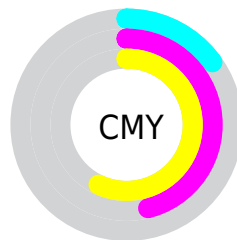


Cyan (0%)

Magenta (36%)

Yellow (49%)

Black (15%)



Cyan (15%)

Magenta (46%)

Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 38.254, 45.640 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, 38.254, 45.640 by changing the saturation by 10% instead.

 65, 38.254, 45.640

 65, 38.254, 45.640

 100, 38.254,
45.640

 55, 38.254, 45.640

 85, 38.254, 45.640

 45, 38.254, 45.640

 95, 38.254, 45.640

 35, 38.254, 45.640

 25, 38.254, 45.640

 15, 38.254, 45.640

 5, 38.254, 45.640

 0, 38.254, 45.640

 65, 38.254, 45.640

 65, 38.254, 45.640

 61, 47.842, 45.738

 69, 29.256, 45.709

58, 57.878, 45.970

73, 20.893, 45.916

54, 67.995, 46.235

78, 13.153, 46.234

51, 77.361, 46.226

82, 5.995, 46.611

49, 84.716, 45.538

87, 0.631, 228.076

49, 85.407, 45.509

92, 6.782, 227.825

96, 11.463,
212.433

97, 12.983,
198.639

Harmonies

Complementary

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



65, 38.254, 45.640



73, 27.130, 232.435

Rectangle

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



65, 38.254, 45.640



65, 38.254, 95.640



65, 38.254, 225.640



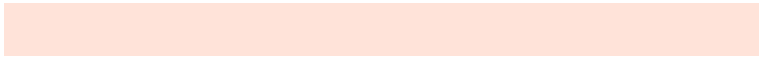
65, 38.254, 275.640

Sweetspot

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



65, 38.253, 45.645



92, 11.671, 46.379



61, 56.546, 335.865



48, 8.030, 46.299



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, 38.253, 45.645



71, 54.756, 45.747



78, 43.391, 91.095



43, 3.748, 46.597



39, 71.200, 45.999



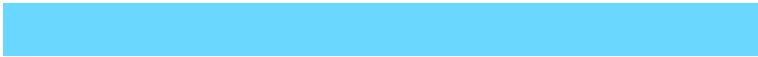
7, 18.715, 35.006

Inverse Universe

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



73, 27.130, 232.435



81, 35.459, 234.695



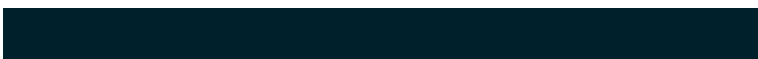
58, 45.407, 285.684



44, 3.551, 227.793



49, 34.400, 248.845



11, 12.875, 238.774

Previews

White Background



This preview shows how the CIELCh color 65, 38.254, 45.640 looks on a white background.

Color Contrast Check

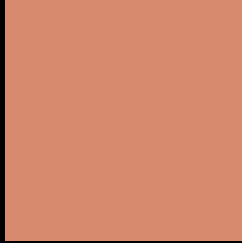
Large Text (above 18pt) WCAG AA × Fail

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, 38.254, 45.640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

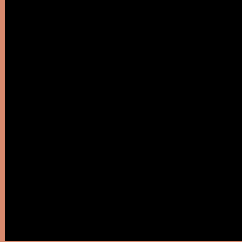
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 38.254, 45.640

Background



This preview shows how black text looks on a background with the CIELCh color 65, 38.254, 45.640.



This preview shows how white text looks on a background with the CIELCh color 65, 38.254, 45.640.

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
65, 38.254, 45.640

Protanopia
65, 21.978, 95.716

Deuteranopia
65, 29.274, 73.193



Tritanopia
65, 34.834, 14.273

Trichromacy



Original Color
65, 38.254, 45.640

Protanomaly
65, 24.757, 70.769

Deuteranomaly
65, 31.477, 60.641

Tritanomaly
65, 34.521, 26.508

Monochromacy



Original Color
65, 38.254, 45.640

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 12.687, 46.049

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 38.254, 45.640 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(216, 138, 110)` looks like.

```
.text, #text, p{  
    color:rgb(216, 138, 110)  
}
```

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(216, 138, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 138, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 38.254, 45.640 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(216, 138, 110) }
```

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

```
.border{ border-color:rgb(216, 138, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 138, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 138, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 138, 110);  
box-shadow:4px 4px 4px 4px rgb(216, 138,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 38.254, 45.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 138, 110) }
```

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

```
.background{ background-color: rgb(216,  
138, 110) }
```

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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