

Converting Colors

CIELCh(65, 38.519, 41.203)

Have a look what the booklet for
CIELCh(65, 38.519, 41.203) contains.

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Color

CIELCh(65, 38.491, 41.454)

Conversions

Conversions Part 1

Format	Color
Hex	DB8972
RGB	219, 137, 114
RGB Percent	86%, 54%, 45%
CMY	0.1423, 0.4637, 0.5539
CMYK	0.00, 0.37, 0.48, 0.14
HSL	13°, 59%, 65%
HSV	13°, 48%, 86%
XYZ	41.0636, 34.0472, 20.2565
YIQ	158.8960, 56.2550, 10.2310

Conversions

Conversions Part 2

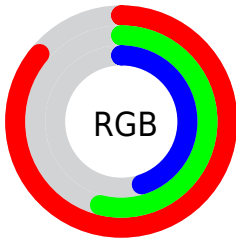
Format	Color
RYB	219, 143, 114
Decimal	14387570
CIELab	65.00, 28.85, 25.48
CIElCh	65, 38.491, 41.454
Yxy	34.0472, 0.4306, 0.3570
Android (android.graphics.Color)	4292577650 (0xFFDB8972)
YUV	158.8960, -22.1337, 52.7112
Hunter-Lab	58.3500, 23.5064, 20.2621

Details

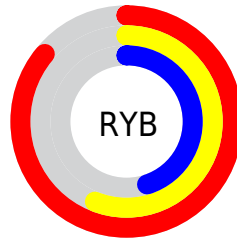
The CIELCh color **65, 38.491, 41.454** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75, 26.989, 225.478**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 29.260, 47.519**, and **45, 38.488, 41.193** is the 20% darker color. If you saturate the color by 10%, you get **61, 48.347, 41.904**, and if you desaturate by 10%, it is **69, 29.249, 41.219**.

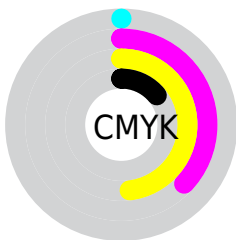
Distribution



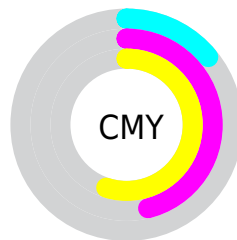
- Red (86%)
- Green (54%)
- Blue (45%)



- Red (86%)
- Yellow (56%)
- Blue (45%)



- Cyan (0%)
- Magenta (37%)
- Yellow (48%)
- Black (14%)



- Cyan (14%)
- Magenta (46%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 38.491, 41.454 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, 38.491, 41.454 by changing the saturation by 10% instead.

 65, 38.491, 41.454

 65, 38.491, 41.454

 100, 38.491,
41.454

 55, 38.491, 41.454

 85, 38.491, 41.454

 45, 38.491, 41.454

 95, 38.491, 41.454

 35, 38.491, 41.454

 25, 38.491, 41.454

 15, 38.491, 41.454

 5, 38.491, 41.454

 0, 38.491, 41.454

 65, 38.491, 41.454

 65, 38.491, 41.454

 61, 48.347, 41.904

 69, 29.249, 41.219

57, 58.677, 42.555

74, 20.671, 41.157

54, 69.131, 43.322

79, 12.744, 41.234

51, 78.914, 43.918

83, 5.432, 41.381

49, 86.578, 43.800

88, 1.320, 222.216

48, 87.984, 43.832

93, 7.569, 222.213

98, 12.217,
198.690

Harmonies

Complementary

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



65, 38.491, 41.454



75, 26.989, 225.478

Rectangle

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



65, 38.491, 41.454



65, 38.491, 91.454



65, 38.491, 221.454



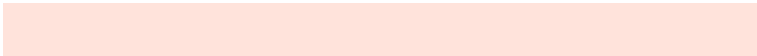
65, 38.491, 271.454

Sweetspot

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



65, 38.489, 41.458



92, 11.058, 41.289



62, 57.222, 334.391



48, 7.703, 41.257



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, 38.489, 41.458



70, 54.874, 41.933



78, 41.755, 88.751



44, 3.892, 41.362



38, 73.587, 44.243



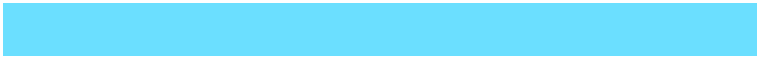
7, 20.695, 32.561

Inverse Universe

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



75, 26.989, 225.478



83, 34.935, 227.243



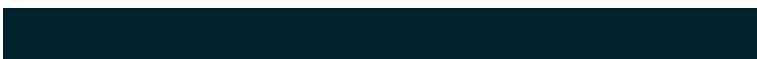
60, 42.837, 283.317



45, 3.674, 222.162



52, 33.269, 239.487



12, 13.122, 231.312

Previews

White Background



This preview shows how the CIELCh color 65, 38.491, 41.454 looks on a white background.

Color Contrast Check

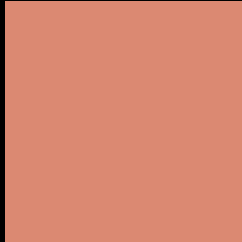
Large Text (above 18pt) WCAG AA × Fail

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, 38.491, 41.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

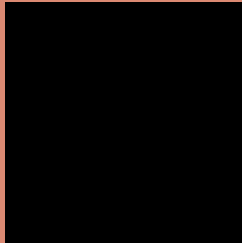
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 38.491, 41.454

Background



This preview shows how black text looks on a background with the CIELCh color 65, 38.491, 41.454.



This preview shows how white text looks on a background with the CIELCh color 65, 38.491, 41.454.

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, 36.094, 14.760

Trichromacy



Original Color
65, 38.491, 41.454

Protanomaly
65, 23.160, 65.508

Deuteranomaly
65, 30.276, 58.653

Tritanomaly
65, 36.061, 24.880

Monochromacy



Original Color
65, 38.491, 41.454

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 12.958, 40.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 38.491, 41.454 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(219, 137, 114)` looks like.

```
.text, #text, p{  
    color:rgb(219, 137, 114)  
}
```

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(219, 137, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 137, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 38.491, 41.454 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(219, 137, 114) }
```

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

```
.border{ border-color:rgb(219, 137, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 137, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 137, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 137, 114);  
box-shadow:4px 4px 4px 4px rgb(219, 137,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 38.491, 41.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 137, 114) }
```

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

```
.background{ background-color: rgb(219,  
137, 114) }
```

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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