

Converting Colors

CIELCh(66, 38.262, 42.755)

Have a look what the booklet for
CIELCh(66, 38.262, 42.755) contains.

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Color

CIELCh(66, 38.452, 42.989)

Conversions

Conversions Part 1

Format	Color
Hex	DD8C73
RGB	221, 140, 115
RGB Percent	87%, 55%, 45%
CMY	0.1337, 0.4513, 0.5493
CMYK	0.00, 0.37, 0.48, 0.13
HSL	14°, 61%, 66%
HSV	14°, 48%, 87%
XYZ	42.2444, 35.3238, 20.7865
YIQ	161.3690, 56.3010, 9.3970

Conversions

Conversions Part 2

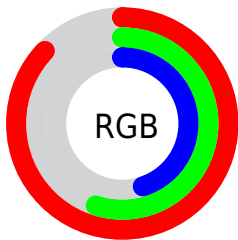
Format	Color
R _Y B	221, 148, 115
Decimal	14519411
CIE Lab	66.00, 28.13, 26.22
CIE LCh	66, 38.452, 42.989
Yxy	35.3238, 0.4295, 0.3591
Android (android.graphics.Color)	4292709491 (0xFFDD8C73)
YUV	161.3690, -22.8599, 52.2964
Hunter-Lab	59.4338, 22.8651, 20.8675

Details

The CIELCh color **66, 38.452, 42.989** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75, 27.130, 227.993**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 28.656, 50.288**, and **46, 38.404, 42.725** is the 20% darker color. If you saturate the color by 10%, you get **62, 48.300, 43.301**, and if you desaturate by 10%, it is **70, 29.222, 42.874**.

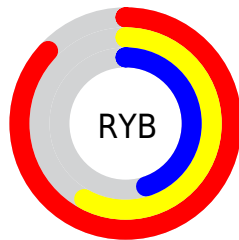
Distribution



Red (87%)

Green (55%)

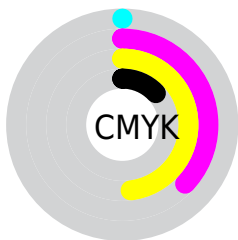
Blue (45%)



Red (87%)

Yellow (58%)

Blue (45%)

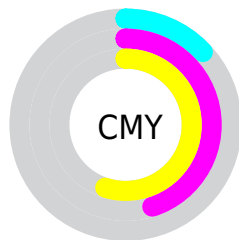


Cyan (0%)

Magenta (37%)

Yellow (48%)

Black (13%)



Cyan (13%)

Magenta (45%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 38.452, 42.989 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 66, 38.452, 42.989 by changing the saturation by 10% instead.

66, 38.452, 42.989

66, 38.452, 42.989

100, 38.452,
42.989

56, 38.452, 42.989

86, 38.452, 42.989

46, 38.452, 42.989

96, 38.452, 42.989

36, 38.452, 42.989

26, 38.452, 42.989

16, 38.452, 42.989

6, 38.452, 42.989

0, 38.452, 42.989

66, 38.452, 42.989

66, 38.452, 42.989

62, 48.300, 43.301

70, 29.222, 42.874

58, 58.629, 43.790

75, 20.655, 42.918

55, 69.090, 44.369

79, 12.737, 43.089

52, 78.884, 44.753

84, 5.428, 43.322

50, 86.571, 44.410

89, 1.327, 224.232

49, 87.990, 44.393

94, 7.585, 224.304

98, 11.510,
198.737

Harmonies

Complementary

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



66, 38.452, 42.989



75, 27.130, 227.993

Rectangle

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



66, 38.452, 42.989



66, 38.452, 92.989



66, 38.452, 222.989



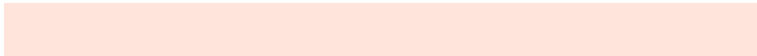
66, 38.452, 272.989

Sweetspot

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



66, 38.450, 42.994



92, 10.970, 43.178



63, 57.032, 335.079



48, 7.641, 43.127



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 38.450, 42.994



71, 54.384, 43.321



79, 42.635, 90.005



44, 3.862, 43.290



39, 73.018, 44.844



7, 20.488, 33.688

Inverse Universe

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



75, 27.130, 227.993



83, 34.913, 229.925



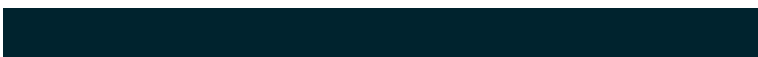
60, 44.149, 284.405



45, 3.650, 224.241



51, 33.736, 243.064



12, 13.182, 234.344

Previews

White Background



This preview shows how the CIELCh color 66, 38.452, 42.989 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 66, 38.452, 42.989 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 66, 38.452, 42.989

Background



This preview shows how black text looks on a background with the CIELCh color 66, 38.452, 42.989.

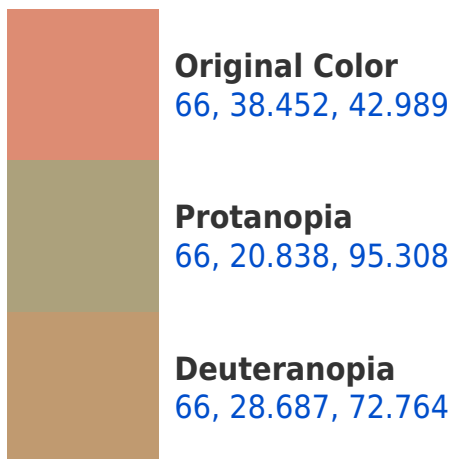


This preview shows how white text looks on a background with the CIELCh color 66, 38.452, 42.989.

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
66, 35.556, 14.522

Trichromacy



Original Color
66, 38.452, 42.989

Protanomaly
66, 23.921, 67.149

Deuteranomaly
66, 31.270, 59.558

Tritanomaly
66, 35.484, 24.784

Monochromacy



Original Color
66, 38.452, 42.989

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 13.153, 42.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 38.452, 42.989 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, 140, 115)` looks like.

```
.text, #text, p{  
    color:rgb(221, 140, 115)  
}
```

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, 140, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 140, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 38.452, 42.989 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, 140, 115) }
```

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

```
.border{ border-color:rgb(221, 140, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 140, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 140, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 140, 115);  
box-shadow:4px 4px 4px 4px rgb(221, 140,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 38.452, 42.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 140, 115) }
```

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

```
.background{ background-color: rgb(221,  
140, 115) }
```

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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