

Converting Colors

CIELCh(66, 39.639, 46.455)

Have a look what the booklet for
CIELCh(66, 39.639, 46.455) contains.

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Color

CIELCh(66, 39.970, 46.217)

Conversions

Conversions Part 1

Format	Color
Hex	DD8C6E
RGB	221, 140, 110
RGB Percent	87%, 55%, 43%
CMY	0.1327, 0.4504, 0.5681
CMYK	0.00, 0.37, 0.50, 0.13
HSL	16°, 62%, 65%
HSV	16°, 50%, 87%
XYZ	42.0883, 35.3238, 19.3904
YIQ	160.7990, 57.9060, 7.8420

Conversions

Conversions Part 2

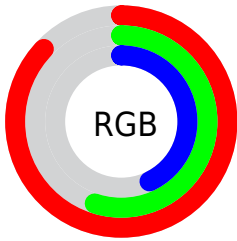
Format	Color
R _Y B	221, 151, 110
Decimal	14519406
CIE Lab	66.00, 27.66, 28.86
CIE LCh	66, 39.970, 46.217
Yxy	35.3238, 0.4348, 0.3649
Android (android.graphics.Color)	4292709486 (0xFFDD8C6E)
YUV	160.7990, -25.0439, 52.7963
Hunter-Lab	59.4338, 22.3962, 22.2602

Details

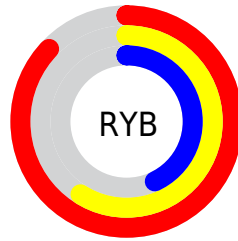
The CIELCh color **66, 39.970, 46.217** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **73, 28.149, 233.609**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 30.285, 54.185**, and **46, 40.083, 46.035** is the 20% darker color. If you saturate the color by 10%, you get **62, 49.766, 46.284**, and if you desaturate by 10%, it is **70, 30.761, 46.311**.

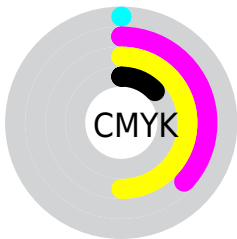
Distribution



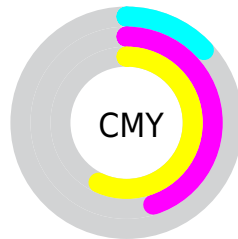
- Red (87%)
- Green (55%)
- Blue (43%)



- Red (87%)
- Yellow (59%)
- Blue (43%)



- Cyan (0%)
- Magenta (37%)
- Yellow (50%)
- Black (13%)



- Cyan (13%)
- Magenta (45%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 39.970, 46.217 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, 39.970, 46.217 by changing the saturation by 10% instead.

 66, 39.970, 46.217

 66, 39.970, 46.217

 100, 39.970,
46.217

 56, 39.970, 46.217

 86, 39.970, 46.217

 46, 39.970, 46.217

 96, 39.970, 46.217

 36, 39.970, 46.217

 26, 39.970, 46.217

 16, 39.970, 46.217

 6, 39.970, 46.217

 0, 39.970, 46.217

 66, 39.970, 46.217

 66, 39.970, 46.217

 62, 49.766, 46.284

 70, 30.761, 46.311

58, 59.986, 46.471

74, 22.194, 46.540

55, 70.212, 46.657

79, 14.260, 46.882

52, 79.512, 46.500

83, 6.922, 47.289

50, 86.609, 45.721

88, 0.128, 43.496

93, 6.180, 228.544

97, 10.807,
203.934

98, 11.426,
198.743

Harmonies

Complementary

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



66, 39.970, 46.217



73, 28.149, 233.609

Rectangle

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



66, 39.970, 46.217



66, 39.970, 96.217



66, 39.970, 226.217



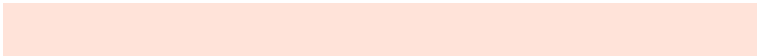
66, 39.970, 276.217

Sweetspot

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



66, 39.969, 46.221



92, 11.648, 47.086



62, 58.152, 336.700



48, 8.014, 46.999



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, 39.969, 46.221



71, 55.729, 46.288



79, 45.825, 92.120



44, 3.814, 47.320



40, 71.791, 46.225



8, 20.058, 36.244

Inverse Universe

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



73, 28.149, 233.609



81, 35.934, 235.933



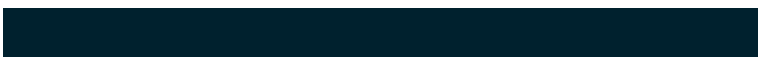
58, 48.487, 286.984



45, 3.615, 228.571



50, 35.064, 250.131



11, 13.409, 240.498

Previews

White Background



This preview shows how the CIELCh color 66, 39.970, 46.217 looks on a white background.

Color Contrast Check

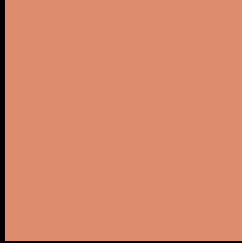
Large Text (above 18pt) WCAG AA × Fail

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 66, 39.970, 46.217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

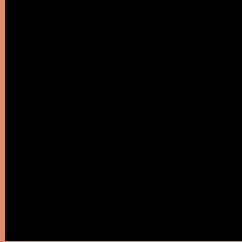
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 39.970, 46.217

Background



This preview shows how black text looks on a background with the CIELCh color 66, 39.970, 46.217.

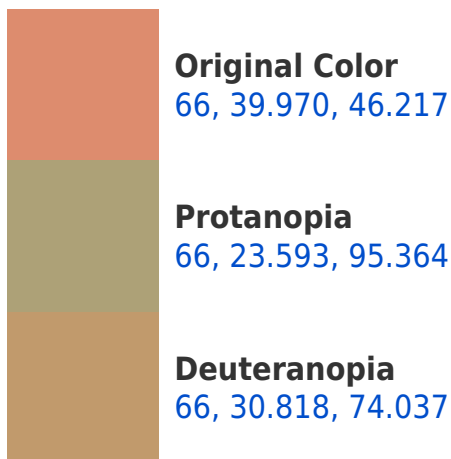


This preview shows how white text looks on a background with the CIELCh color 66, 39.970, 46.217.

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, 36.409, 14.847

Trichromacy



Original Color
66, 39.970, 46.217

Protanomaly
66, 26.433, 69.873

Deuteranomaly
66, 32.894, 62.028

Tritanomaly
66, 36.305, 27.315

Monochromacy



Original Color
66, 39.970, 46.217

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 13.404, 44.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 39.970, 46.217 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(221, 140, 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(221, 140, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 140, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 39.970, 46.217 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, 110) }
```

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

```
.border{ border-color:rgb(221, 140, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 140, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 140, 110);  
box-shadow:4px 4px 4px 4px rgb(221, 140,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 39.970, 46.217 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, 110) }
```

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

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