

Converting Colors

CIELCh(63, 21.956, 87.425)

Have a look what the booklet for
CIELCh(63, 21.956, 87.425) contains.

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Color

CIELCh(63, 21.976, 87.482)

Conversions

Conversions Part 1	
Format	Color
Hex	A99772
RGB	169, 151, 114
RGB Percent	66%, 59%, 45%
CMY	0.3390, 0.4095, 0.5545
CMYK	0.00, 0.11, 0.33, 0.34
HSL	40°, 24%, 55%
HSV	40°, 33%, 66%
XYZ	30.2785, 31.5869, 20.2984
YIQ	152.1640, 22.6050, -7.6910

Conversions

Conversions Part 2

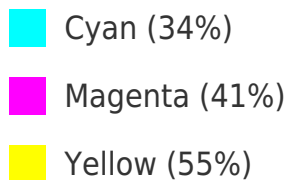
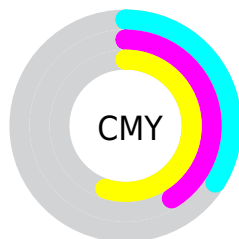
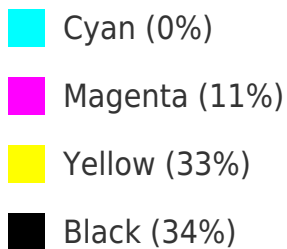
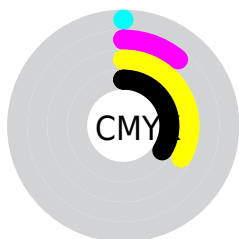
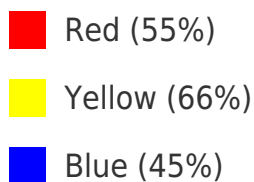
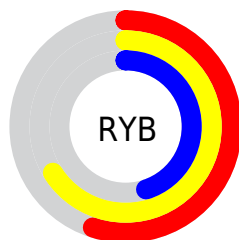
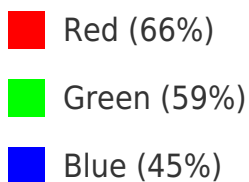
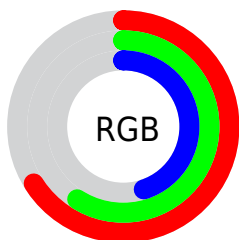
Format	Color
RYB	141, 169, 114
Decimal	11114354
CIELab	63.00, 0.97, 21.95
CIELCh	63, 21.976, 87.482
Yxy	31.5869, 0.3685, 0.3844
Android (android.graphics.Color)	4289304434 (0xFFA99772)
YUV	152.1640, -18.8149, 14.7652
Hunter-Lab	56.2022, -2.1885, 17.9279

Details

The CIELCh color $63, 21.976, 87.482$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $55, 21.881, 276.650$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 22.004, 87.292$, and $43, 21.667, 86.848$ is the 20% darker color. If you saturate the color by 10%, you get $61, 28.938, 86.142$, and if you desaturate by 10%, it is $65, 15.096, 88.794$.

Distribution




Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 21.976, 87.482 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 63, 21.976, 87.482 by changing the saturation by 10% instead.

 63, 21.976, 87.482

 63, 21.976, 87.482

 100, 21.976,
87.482

 53, 21.976, 87.482

 83, 21.976, 87.482

 43, 21.976, 87.482

 93, 21.976, 87.482

 33, 21.976, 87.482

 23, 21.976, 87.482

 13, 21.976, 87.482

 3, 21.976, 87.482

 0, 21.976, 87.482

 63, 21.976, 87.482

 63, 21.976, 87.482

 61, 28.938, 86.142

 65, 15.096, 88.794

 60, 35.900, 84.754

 67, 8.332, 90.054


 58, 42.708, 83.311

 69, 1.700, 91.184


 56, 49.081, 81.777

 71, 4.798, 272.532


 55, 54.553, 80.076


 72, 11.167,
273.640


 53, 58.477, 78.069

 74, 17.415,
274.716

 52, 60.566, 76.438

 76, 23.551,
275.743

 79, 29.582,
276.720

 80, 30.388,
273.995

Harmonies

Complementary

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



63, 21.976, 87.482



55, 21.881, 276.650

Rectangle

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



63, 21.976, 87.482



63, 21.976, 137.482



63, 21.976, 267.482



63, 21.976, 317.482

Sweetspot

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



63, 21.977, 87.488



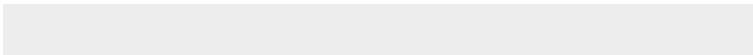
85, 8.164, 90.350



54, 24.443, 357.243



45, 5.570, 90.186



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 21.977, 87.488



79, 32.746, 86.537



67, 30.032, 114.377



35, 3.721, 90.458



46, 55.036, 76.764



4, 6.253, 85.068

Inverse Universe

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



55, 21.881, 276.650



66, 32.616, 278.116



51, 32.355, 299.601



33, 3.723, 272.839



25, 64.608, 296.296



2, 7.089, 275.050

Previews

White Background



This preview shows how the CIELCh color 63, 21.976, 87.482 looks on a white background.

Color Contrast Check

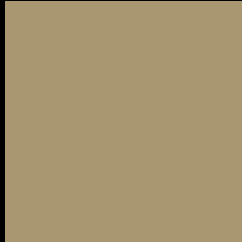
Large Text (above 18pt) WCAG AA × Fail

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 63, 21.976, 87.482 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

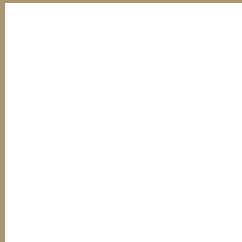
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 21.976, 87.482

Background



This preview shows how black text looks on a background with the CIELCh color 63, 21.976, 87.482.



This preview shows how white text looks on a background with the CIELCh color 63, 21.976, 87.482.

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

63, 21.976, 87.482

Protanopia

63, 21.592, 95.372

Deuteranopia

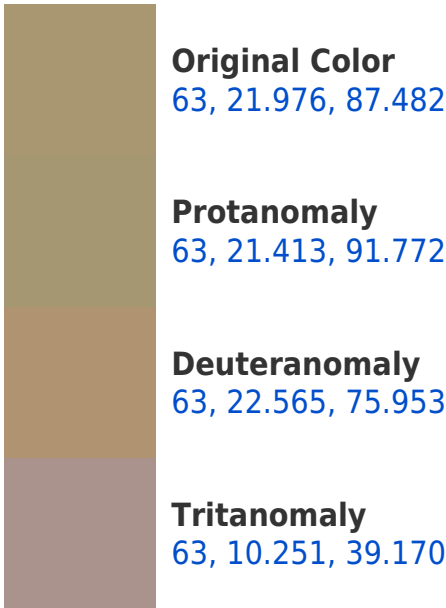
63, 23.288, 69.335



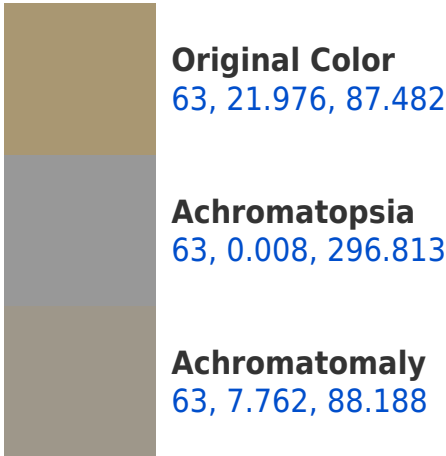
Tritanopia

63, 12.505, 351.340

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 21.976, 87.482 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(169, 151, 114)` looks like.

```
.text, #text, p{  
    color:rgb(169, 151, 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(169, 151, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 151, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 21.976, 87.482 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(169, 151, 114) }
```

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

```
.border{ border-color:rgb(169, 151, 114) }
```

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

Here you see how a box with a 4 pixel rgb(169, 151, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 151, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 151, 114);  
box-shadow:4px 4px 4px 4px rgb(169, 151,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 21.976, 87.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 151, 114) }
```

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

```
.background{ background-color: rgb(169,  
151, 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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