

Converting Colors

CIELCh(60, 26.418, 87.346)

Have a look what the booklet for
CIELCh(60, 26.418, 87.346) contains.

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Color

CIELCh(60, 26.385, 86.855)

Conversions

Conversions Part 1	
Format	Color
Hex	A38E62
RGB	163, 142, 98
RGB Percent	64%, 56%, 38%
CMY	0.3597, 0.4421, 0.6147
CMYK	0.00, 0.13, 0.40, 0.36
HSL	41°, 26%, 51%
HSV	41°, 40%, 64%
XYZ	27.0863, 28.1233, 15.6162
YIQ	143.2630, 26.6400, -9.2320

Conversions

Conversions Part 2

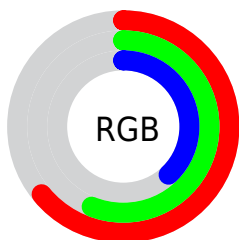
Format	Color
RYB	129, 163, 98
Decimal	10718818
CIELab	60.00, 1.45, 26.35
CIELCh	60, 26.385, 86.855
Yxy	28.1233, 0.3824, 0.3971
Android (android.graphics.Color)	4288908898 (0xFFA38E62)
YUV	143.2630, -22.3147, 17.3093
Hunter-Lab	53.0314, -1.6345, 19.6628

Details

The CIELCh color $60, 26.385, 86.855$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $50, 26.334, 278.422$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 26.622, 87.378$, and $40, 26.200, 86.688$ is the 20% darker color. If you saturate the color by 10%, you get $58, 33.190, 85.491$, and if you desaturate by 10%, it is $62, 19.604, 88.189$.

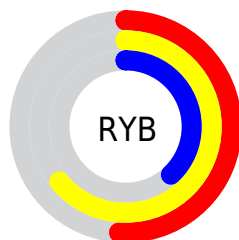
Distribution



Red (64%)

Green (56%)

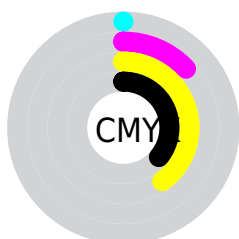
Blue (38%)



Red (51%)

Yellow (64%)

Blue (38%)

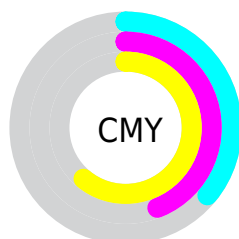


Cyan (0%)

Magenta (13%)

Yellow (40%)

Black (36%)



Cyan (36%)

Magenta (44%)

Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 26.385, 86.855 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 60, 26.385, 86.855 by changing the saturation by 10% instead.

 60, 26.385, 86.855

 60, 26.385, 86.855

 100, 26.385,
86.855

 50, 26.385, 86.855

 80, 26.385, 86.855

 40, 26.385, 86.855

 90, 26.385, 86.855

 30, 26.385, 86.855

 20, 26.385, 86.855

 10, 26.385, 86.855

 0, 26.385, 86.855

 60, 26.385, 86.855

 60, 26.385, 86.855

 58, 33.190, 85.491

 62, 19.604, 88.189

 57, 39.892, 84.074

 63, 12.910, 89.477

 55, 46.260, 82.581

 65, 6.332, 90.714


 54, 51.897, 80.952

 67, 0.119, 273.655


 52, 56.218, 79.073


 69, 6.442, 273.151


 51, 59.131, 76.925

 71, 12.644,
274.249

 51, 59.184, 76.890

 73, 18.732,
275.307

 75, 24.714,
276.316

 77, 30.599,
277.275

Harmonies

Complementary

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



60, 26.385, 86.855



50, 26.334, 278.422

Rectangle

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



60, 26.385, 86.855



60, 26.385, 136.855



60, 26.385, 266.855



60, 26.385, 316.855

Sweetspot

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



60, 26.386, 86.860



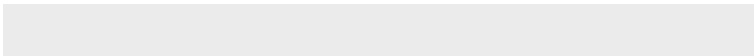
82, 9.577, 90.424



49, 29.247, 358.299



43, 6.412, 90.274



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



60, 26.386, 86.860



74, 39.482, 85.622



65, 35.510, 113.884



34, 3.642, 90.781



45, 54.366, 77.181



4, 5.317, 87.154

Inverse Universe

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



50, 26.334, 278.422



60, 39.538, 280.528



45, 39.025, 300.421



32, 3.645, 273.146



24, 64.094, 296.463



2, 5.824, 274.243

Previews

White Background



This preview shows how the CIELCh color 60, 26.385, 86.855 looks on a white background.

Color Contrast Check

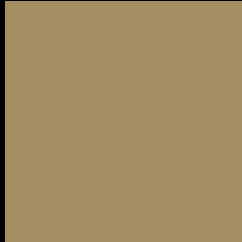
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 26.385, 86.855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

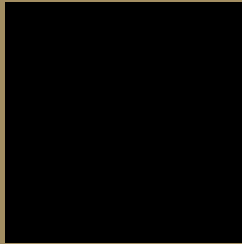
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 26.385, 86.855

Background



This preview shows how black text looks on a background with the CIELCh color 60, 26.385, 86.855.



This preview shows how white text looks on a background with the CIELCh color 60, 26.385, 86.855.

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

60, 26.385, 86.855

Protanopia

60, 26.181, 95.704

Deuteranopia

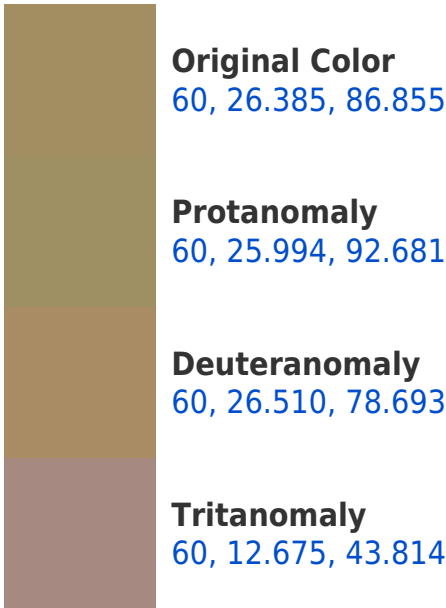
60, 27.122, 72.861



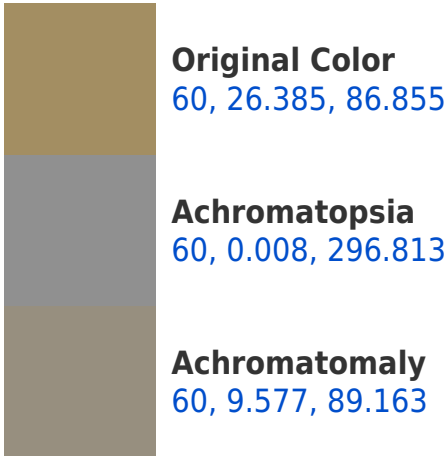
Tritanopia

60, 14.055, 354.841

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 26.385, 86.855 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(163, 142, 98)` looks like.

```
.text, #text, p{  
    color:rgb(163, 142, 98)  
}
```

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(163, 142, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 142, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 26.385, 86.855 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(163, 142, 98) }
```

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

```
.border{ border-color:rgb(163, 142, 98) }
```

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

Here you see how a box with a 4 pixel rgb(163, 142, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 142, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 142, 98);  
box-shadow:4px 4px 4px 4px rgb(163, 142,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 26.385, 86.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 142, 98) }
```

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

```
.background{ background-color: rgb(163,  
142, 98) }
```

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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