

Converting Colors

CIELCh(66, 14.998, 94.883)

Have a look what the booklet for
CIELCh(66, 14.998, 94.883) contains.

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Color

CIELCh(66, 14.787, 94.282)

Conversions

Conversions Part 1

Format	Color
Hex	A9A086
RGB	169, 160, 134
RGB Percent	66%, 63%, 53%
CMY	0.3370, 0.3723, 0.4743
CMYK	0.00, 0.05, 0.21, 0.34
HSL	45°, 17%, 59%
HSV	45°, 21%, 66%
XYZ	33.2606, 35.3238, 27.6386
YIQ	159.7270, 13.7100, -6.1780

Conversions

Conversions Part 2

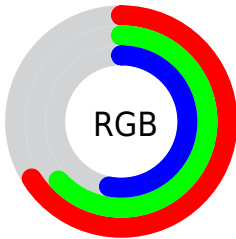
Format	Color
RYB	146, 169, 134
Decimal	11116678
CIELab	66.00, -1.10, 14.75
CIElCh	66, 14.787, 94.282
Yxy	35.3238, 0.3457, 0.3671
Android (android.graphics.Color)	4289306758 (0xFFA9A086)
YUV	159.7270, -12.6834, 8.1324
Hunter-Lab	59.4338, -4.1164, 14.0319

Details

The CIELCh color $66, 14.787, 94.282$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $60, 14.971, 279.537$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 15.005, 95.704$, and $46, 15.170, 94.494$ is the 20% darker color. If you saturate the color by 10%, you get $64, 22.044, 93.049$, and if you desaturate by 10%, it is $68, 7.595, 95.487$.

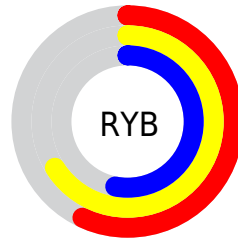
Distribution



Red (66%)

Green (63%)

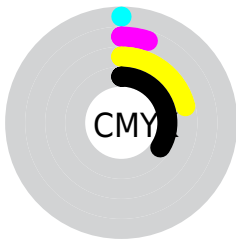
Blue (53%)



Red (57%)

Yellow (66%)

Blue (53%)

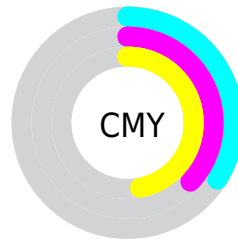


Cyan (0%)

Magenta (5%)

Yellow (21%)

Black (34%)



Cyan (34%)

Magenta (37%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 14.787, 94.282 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, 14.787, 94.282 by changing the saturation by 10% instead.

■ 66, 14.787, 94.282

■ 66, 14.787, 94.282

■ 100, 14.787,
94.282

■ 56, 14.787, 94.282

■ 86, 14.787, 94.282

■ 46, 14.787, 94.282

■ 96, 14.787, 94.282

■ 36, 14.787, 94.282

■ 26, 14.787, 94.282

■ 16, 14.787, 94.282

■ 6, 14.787, 94.282

■ 0, 14.787, 94.282

■ 66, 14.787, 94.282

■ 66, 14.787, 94.282

■ 64, 22.044, 93.049

■ 68, 7.595, 95.487

63, 29.315, 91.775

69, 0.488, 96.331

62, 36.509, 90.470

71, 6.522, 277.825

60, 43.464, 89.131

72, 13.435,
278.887

59, 49.897, 87.742

74, 20.251,
279.910

58, 55.362, 86.263

56, 59.262, 84.615

76, 26.975,
280.884

55, 61.516, 82.924

78, 33.612,
281.809

79, 32.822,
279.053

80, 30.805,
275.233

Harmonies

Complementary

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



66, 14.787, 94.282



60, 14.971, 279.537

Rectangle

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



66, 14.787, 94.282



66, 14.787, 144.282



66, 14.787, 274.282



66, 14.787, 324.282

Sweetspot

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



66, 14.788, 94.289



86, 5.241, 96.012



59, 14.878, 0.394



46, 3.473, 95.943



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 14.788, 94.289



83, 22.126, 93.706



68, 19.392, 117.960



35, 3.997, 95.652



49, 55.807, 83.177



5, 6.751, 91.592

Inverse Universe

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



60, 14.971, 279.537



73, 22.469, 280.302



58, 20.233, 300.751



33, 4.024, 277.917



22, 71.573, 299.762



1, 7.566, 279.100

Previews

White Background



This preview shows how the CIELCh color 66, 14.787, 94.282 looks on a white background.

Color Contrast Check

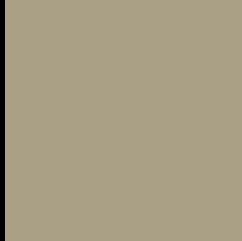
Large Text (above 18pt) WCAG AA × Fail

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, 14.787, 94.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

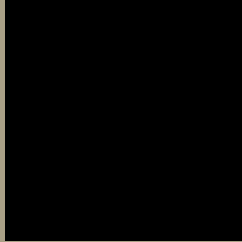
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 14.787, 94.282

Background



This preview shows how black text looks on a background with the CIELCh color 66, 14.787, 94.282.



This preview shows how white text looks on a background with the CIELCh color 66, 14.787, 94.282.

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


66, 14.787, 94.282

Protanopia

66, 14.787, 94.282

Deuteranopia

66, 16.665, 58.933



Tritanopia
66, 9.962, 334.060

Trichromacy



Original Color
66, 14.787, 94.282

Protanomaly
66, 14.787, 94.282

Deuteranomaly
66, 15.028, 69.986

Tritanomaly
66, 5.866, 25.246

Monochromacy



Original Color
66, 14.787, 94.282

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 5.095, 96.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 14.787, 94.282 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, 160, 134)` looks like.

```
.text, #text, p{  
    color:rgb(169, 160, 134)  
}
```

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, 160, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 160, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 14.787, 94.282 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, 160, 134) }
```

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

```
.border{ border-color:rgb(169, 160, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 160, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 160, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 160, 134);  
box-shadow:4px 4px 4px 4px rgb(169, 160,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 14.787, 94.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 160, 134) }
```

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

```
.background{ background-color: rgb(169,  
160, 134) }
```

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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