

Converting Colors

CIELCh(66, 25.427, 93.989)

Have a look what the booklet for
CIELCh(66, 25.427, 93.989) contains.

CIELCh(66, 25.408, 94.015)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 25.408, 94.015)

Conversions

Conversions Part 1

Format	Color
Hex	AEA073
RGB	174, 160, 115
RGB Percent	68%, 63%, 45%
CMY	0.3181, 0.3730, 0.5494
CMYK	0.00, 0.08, 0.34, 0.32
HSL	46°, 27%, 57%
HSV	46°, 34%, 68%
XYZ	33.0698, 35.3238, 21.2629
YIQ	159.0560, 22.7890, -11.0270

Conversions

Conversions Part 2

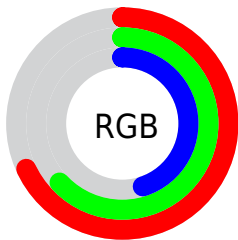
Format	Color
RYB	133, 174, 115
Decimal	11444339
CIELab	66.00, -1.78, 25.35
CIElCh	66, 25.408, 94.015
Yxy	35.3238, 0.3689, 0.3940
Android (android.graphics.Color)	4289634419 (0xFFAEA073)
YUV	159.0560, -21.7196, 13.1059
Hunter-Lab	59.4338, -4.6894, 20.3923

Details

The CIELCh color **66, 25.408, 94.015** is a light color, and the websafe version is hex **999966**. A complement of this color would be **54, 26.152, 283.083**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 25.686, 94.705**, and **46, 25.747, 94.050** is the 20% darker color. If you saturate the color by 10%, you get **65, 32.928, 92.758**, and if you desaturate by 10%, it is **67, 17.858, 95.253**.

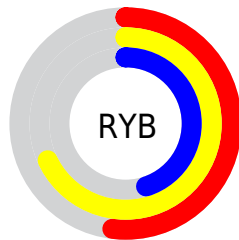
Distribution



Red (68%)

Green (63%)

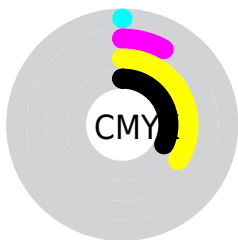
Blue (45%)



Red (52%)

Yellow (68%)

Blue (45%)

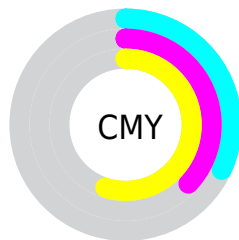


Cyan (0%)

Magenta (8%)

Yellow (34%)

Black (32%)



Cyan (32%)

Magenta (37%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 25.408, 94.015 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, 25.408, 94.015 by changing the saturation by 10% instead.

66, 25.408, 94.015

66, 25.408, 94.015

100, 25.408,
94.015

56, 25.408, 94.015

86, 25.408, 94.015

46, 25.408, 94.015

96, 25.408, 94.015

36, 25.408, 94.015

26, 25.408, 94.015

16, 25.408, 94.015

6, 25.408, 94.015

0, 25.408, 94.015

66, 25.408, 94.015

66, 25.408, 94.015

65, 32.928, 92.758

67, 17.858, 95.253

63, 40.294, 91.470

69, 10.341, 96.450

62, 47.297, 90.152

70, 2.892, 97.575

61, 53.588, 88.787

72, 4.471, 278.791

60, 58.647, 87.332

74, 11.743,
279.847

58, 61.867, 85.710

75, 18.922,
280.872

58, 63.205, 84.671

77, 26.010,
281.850

79, 33.011,
282.780

80, 31.485,
279.703

Harmonies

Complementary

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



66, 25.408, 94.015



54, 26.152, 283.083

Rectangle

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



66, 25.408, 94.015



66, 25.408, 144.015



66, 25.408, 274.015



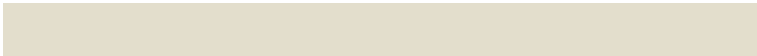
66, 25.408, 324.015

Sweetspot

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



66, 25.409, 94.020



88, 9.201, 96.885



55, 25.393, 3.394



47, 6.333, 96.726



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 25.409, 94.020



83, 38.172, 93.037



69, 32.360, 117.806



36, 4.182, 96.986



50, 56.872, 84.915



5, 8.096, 92.354

Inverse Universe

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



54, 26.152, 283.083



65, 39.685, 284.647



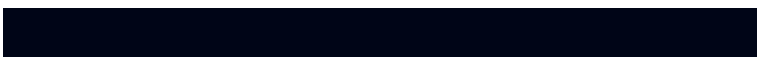
52, 34.794, 302.482



34, 4.218, 279.224



22, 74.479, 300.636



2, 9.256, 280.794

Previews

White Background



This preview shows how the CIELCh color 66, 25.408, 94.015 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, 25.408, 94.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

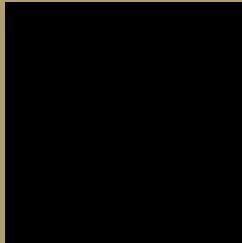
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 25.408, 94.015

Background



This preview shows how black text looks on a background with the CIELCh color 66, 25.408, 94.015.



This preview shows how white text looks on a background with the CIELCh color 66, 25.408, 94.015.

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, 25.408, 94.015

Protanopia

66, 25.306, 94.953

Deuteranopia

66, 26.299, 71.970



Tritanopia
66, 12.323, 348.068

Trichromacy



Original Color
66, 25.408, 94.015

Protanomaly
66, 25.306, 94.953

Deuteranomaly
66, 25.232, 79.504

Tritanomaly
66, 10.124, 49.306

Monochromacy



Original Color
66, 25.408, 94.015

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 9.051, 96.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 25.408, 94.015 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(174, 160, 115)` looks like.

```
.text, #text, p{  
    color:rgb(174, 160, 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(174, 160, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 160, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 25.408, 94.015 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(174, 160, 115) }
```

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

```
.border{ border-color:rgb(174, 160, 115) }
```

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

Here you see how a box with a 4 pixel rgb(174, 160, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 160, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 160, 115);  
box-shadow:4px 4px 4px 4px rgb(174, 160,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 25.408, 94.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 160, 115) }
```

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

```
.background{ background-color: rgb(174,  
160, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor