

Converting Colors

CIELCh(66, 24.502, 96.885)

Have a look what the booklet for
CIELCh(66, 24.502, 96.885) contains.

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Color

CIELCh(66, 24.487, 97.688)

Conversions

Conversions Part 1

Format	Color
Hex	ABA175
RGB	171, 161, 117
RGB Percent	67%, 63%, 46%
CMY	0.3303, 0.3695, 0.5420
CMYK	0.00, 0.06, 0.32, 0.33
HSL	49°, 24%, 56%
HSV	49°, 32%, 67%
XYZ	32.6493, 35.3238, 21.8614
YIQ	158.9740, 20.0840, -11.5640

Conversions

Conversions Part 2

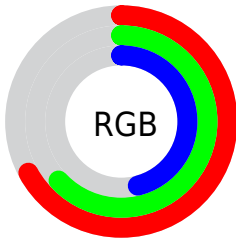
Format	Color
RYB	129, 171, 117
Decimal	11247989
CIELab	66.00, -3.28, 24.27
CIELCh	66, 24.487, 97.688
Yxy	35.3238, 0.3634, 0.3932
Android (android.graphics.Color)	4289438069 (0xFFABA175)
YUV	158.9740, -20.6932, 10.5468
Hunter-Lab	59.4338, -5.9522, 19.7951

Details

The CIELCh color **66, 24.487, 97.688** is a light color, and the websafe version is hex **999966**. A complement of this color would be **54, 25.500, 285.686**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 24.827, 98.063**, and **46, 24.782, 98.118** is the 20% darker color. If you saturate the color by 10%, you get **65, 32.188, 96.508**, and if you desaturate by 10%, it is **67, 16.722, 98.857**.

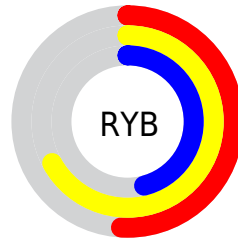
Distribution



Red (67%)

Green (63%)

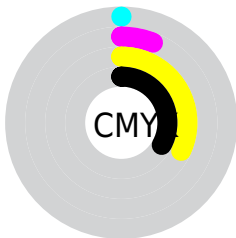
Blue (46%)



Red (51%)

Yellow (67%)

Blue (46%)

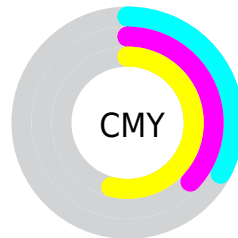


Cyan (0%)

Magenta (6%)

Yellow (32%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 24.487, 97.688 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, 24.487, 97.688 by changing the saturation by 10% instead.

■ 66, 24.487, 97.688

■ 66, 24.487, 97.688

■ 100, 24.487,
97.688

■ 56, 24.487, 97.688

■ 86, 24.487, 97.688

■ 46, 24.487, 97.688

■ 96, 24.487, 97.688

■ 36, 24.487, 97.688

■ 26, 24.487, 97.688

■ 16, 24.487, 97.688

■ 6, 24.487, 97.688

■ 0, 24.487, 97.688

■ 66, 24.487, 97.688

■ 66, 24.487, 97.688

■ 65, 32.188, 96.508

■ 67, 16.722, 98.857

64, 39.702, 95.312

68, 8.957, 99.990

63, 46.831, 94.109

70, 1.231, 101.004

62, 53.253, 92.899

71, 6.434, 282.201

61, 58.495, 91.668

72, 14.029,
283.216

60, 62.000, 90.381

74, 21.549,
284.193

59, 63.751, 89.251

75, 28.992,
285.125

77, 36.359,
286.010

77, 35.537,
284.158

Harmonies

Complementary

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



66, 24.487, 97.688



54, 25.500, 285.686

Rectangle

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



66, 24.487, 97.688



66, 24.487, 147.688



66, 24.487, 277.688



66, 24.487, 327.688

Sweetspot

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



66, 24.488, 97.693



87, 8.580, 100.261



55, 22.949, 6.762



46, 6.014, 100.104



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 24.488, 97.693



83, 36.395, 96.858



67, 30.006, 119.994



35, 4.309, 100.248



52, 57.416, 89.433



5, 7.385, 97.675

Inverse Universe

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



54, 25.500, 285.686



65, 38.363, 286.994



52, 31.952, 303.935



33, 4.362, 282.381



20, 78.046, 302.468



1, 8.091, 282.745

Previews

White Background



This preview shows how the CIELCh color 66, 24.487, 97.688 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, 24.487, 97.688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

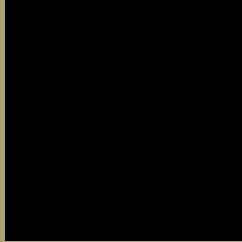
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 24.487, 97.688

Background



This preview shows how black text looks on a background with the CIELCh color 66, 24.487, 97.688.



This preview shows how white text looks on a background with the CIELCh color 66, 24.487, 97.688.

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, 24.487, 97.688

Protanopia

66, 24.150, 95.539

Deuteranopia

66, 25.383, 70.730



Tritanopia
66, 11.042, 343.533

Trichromacy



Original Color
66, 24.487, 97.688

Protanomaly
66, 24.150, 95.539

Deuteranomaly
66, 24.032, 79.364

Tritanomaly
66, 8.767, 50.106

Monochromacy



Original Color
66, 24.487, 97.688

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 8.904, 101.554

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 24.487, 97.688 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(171, 161, 117)` looks like.

```
.text, #text, p{  
    color:rgb(171, 161, 117)  
}
```

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(171, 161, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 161, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 24.487, 97.688 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(171, 161, 117) }
```

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

```
.border{ border-color:rgb(171, 161, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 161, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 161, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 161, 117); box-shadow:4px 4px 4px 4px rgb(171, 161, 117) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 24.487, 97.688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 161, 117) }
```

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

```
.background{ background-color: rgb(171,  
161, 117) }
```

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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