

Converting Colors

CIELCh(66, 9.683, 84.811)

Have a look what the booklet for
CIELCh(66, 9.683, 84.811) contains.

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Color

CIELCh(66, 9.691, 84.851)

Conversions

Conversions Part 1

Format	Color
Hex	A99F8F
RGB	169, 159, 143
RGB Percent	66%, 62%, 56%
CMY	0.3364, 0.3756, 0.4383
CMYK	0.00, 0.06, 0.15, 0.34
HSL	37°, 13%, 61%
HSV	37°, 15%, 66%
XYZ	33.8227, 35.3238, 31.1099
YIQ	160.1660, 11.0960, -2.8560

Conversions

Conversions Part 2

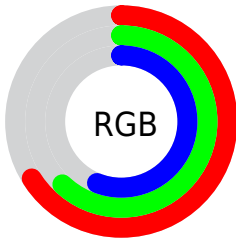
Format	Color
R _Y B	159, 169, 143
Decimal	11116431
CIE Lab	66.00, 0.87, 9.65
CIE LCh	66, 9.691, 84.851
Yxy	35.3238, 0.3374, 0.3523
Android (android.graphics.Color)	4289306511 (0xFFA99F8F)
YUV	160.1660, -8.4628, 7.7474
Hunter-Lab	59.4338, -2.4282, 10.5691

Details

The CIELCh color $66, 9.691, 84.851$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 9.573, 268.946$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 9.630, 86.493$, and $46, 9.704, 85.130$ is the 20% darker color. If you saturate the color by 10%, you get $64, 16.225, 83.568$, and if you desaturate by 10%, it is $68, 3.334, 86.079$.

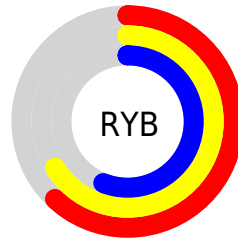
Distribution



Red (66%)

Green (62%)

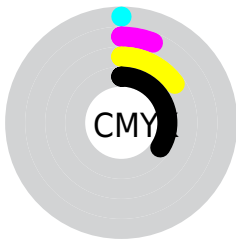
Blue (56%)



Red (62%)

Yellow (66%)

Blue (56%)

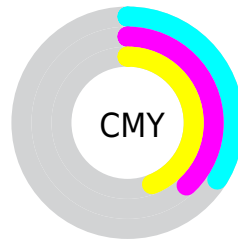


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 9.691, 84.851 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, 9.691, 84.851 by changing the saturation by 10% instead.

 66, 9.691, 84.851  66, 9.691, 84.851

 100, 9.691, 84.851  56, 9.691, 84.851

 86, 9.691, 84.851  46, 9.691, 84.851

 96, 9.691, 84.851  36, 9.691, 84.851

 26, 9.691, 84.851

 16, 9.691, 84.851

 6, 9.691, 84.851

 0, 9.691, 84.851

 66, 9.691, 84.851  66, 9.691, 84.851

 64, 16.225, 83.568  68, 3.334, 86.079

62, 22.926, 82.231

70, 2.852, 267.461

60, 29.762, 80.855

73, 8.878, 268.577

58, 36.657, 79.433

75, 14.756,
269.691

56, 43.451, 77.942

77, 20.499,
270.760

54, 49.844, 76.323

52, 55.317, 74.457

79, 26.120,
271.780

51, 59.186, 72.150

81, 28.413,
269.683

50, 60.771, 71.063

83, 26.052,
262.024

85, 24.225,
253.131

Harmonies

Complementary

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



66, 9.691, 84.851



63, 9.573, 268.946

Rectangle

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



66, 9.691, 84.851



66, 9.691, 134.851



66, 9.691, 264.851



66, 9.691, 314.851

Sweetspot

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



66, 9.692, 84.863



86, 3.833, 86.110



62, 11.696, 350.803



45, 2.614, 86.036



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, 9.692, 84.863



83, 14.076, 84.486



68, 14.244, 112.879



35, 3.521, 85.621



44, 55.022, 71.453



4, 5.934, 79.376

Inverse Universe

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



63, 9.573, 268.946



78, 13.862, 269.407



60, 14.738, 295.470



33, 3.501, 268.068



27, 58.727, 292.755



2, 6.728, 271.320

Previews

White Background



This preview shows how the CIELCh color 66, 9.691, 84.851 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, 9.691, 84.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

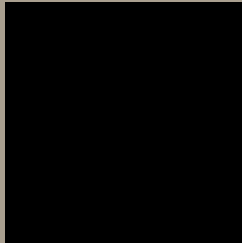
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

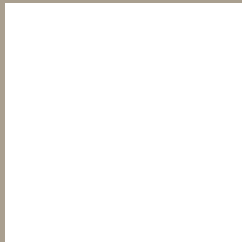
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 9.691, 84.851

Background



This preview shows how black text looks on a background with the CIELCh color 66, 9.691, 84.851.



This preview shows how white text looks on a background with the CIELCh color 66, 9.691, 84.851.

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, 9.691, 84.851

Protanopia

66, 9.247, 91.687

Deuteranopia

66, 12.529, 49.038



Tritanopia
66, 9.296, 334.675

Trichromacy



Original Color
66, 9.691, 84.851

Protanomaly
66, 9.375, 89.347

Deuteranomaly
66, 10.805, 61.298

Tritanomaly
66, 5.913, 9.134

Monochromacy



Original Color
66, 9.691, 84.851

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 3.498, 90.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 9.691, 84.851 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, 159, 143)` looks like.

```
.text, #text, p{  
    color:rgb(169, 159, 143)  
}
```

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, 159, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 159, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 9.691, 84.851 is called "border". The border property can be set on classes, ids or directly on the HTML element.

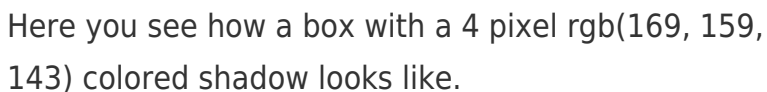
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 159, 143) }
```

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

```
.border{ border-color:rgb(169, 159, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 159, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 159, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 159, 143); box-shadow:4px 4px 4px 4px rgb(169, 159, 143) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 9.691, 84.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 159, 143) }
```

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

```
.background{ background-color: rgb(169,  
159, 143) }
```

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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