

Converting Colors

CIELCh(65, 16.397, 88.855)

Have a look what the booklet for
CIELCh(65, 16.397, 88.855) contains.

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Color

CIELCh(65, 16.388, 89.397)

Conversions

Conversions Part 1

Format	Color
Hex	AA9D81
RGB	170, 157, 129
RGB Percent	67%, 62%, 51%
CMY	0.3350, 0.3859, 0.4957
CMYK	0.00, 0.08, 0.24, 0.33
HSL	41°, 19%, 58%
HSV	41°, 24%, 67%
XYZ	32.4088, 34.0472, 25.4931
YIQ	157.6950, 16.7360, -5.9520

Conversions

Conversions Part 2

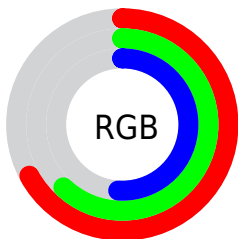
Format	Color
RYB	148, 170, 129
Decimal	11181441
CIELab	65.00, 0.17, 16.39
CIELCh	65, 16.388, 89.397
Yxy	34.0472, 0.3525, 0.3703
Android (android.graphics.Color)	4289371521 (0xFFAA9D81)
YUV	157.6950, -14.1466, 10.7915
Hunter-Lab	58.3500, -2.9698, 14.9412

Details

The CIELCh color $65, 16.388, 89.397$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $59, 16.378, 275.881$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 16.248, 88.025$, and $45, 16.197, 90.100$ is the 20% darker color. If you saturate the color by 10%, you get $63, 23.368, 88.098$, and if you desaturate by 10%, it is $67, 9.515, 90.666$.

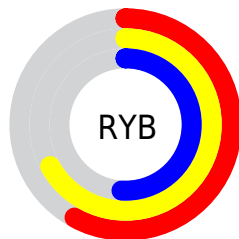
Distribution



Red (67%)

Green (62%)

Blue (51%)



Red (58%)

Yellow (67%)

Blue (51%)

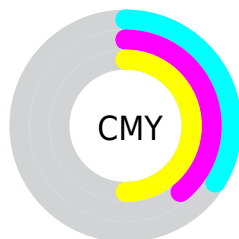


Cyan (0%)

Magenta (8%)

Yellow (24%)

Black (33%)



Cyan (34%)

Magenta (39%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 16.388, 89.397 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 65, 16.388, 89.397 by changing the saturation by 10% instead.

■ 65, 16.388, 89.397

■ 65, 16.388, 89.397

■ 100, 16.388,
89.397

■ 55, 16.388, 89.397

■ 85, 16.388, 89.397

■ 45, 16.388, 89.397

■ 95, 16.388, 89.397

■ 35, 16.388, 89.397

■ 25, 16.388, 89.397

■ 15, 16.388, 89.397

■ 5, 16.388, 89.397

■ 0, 16.388, 89.397

■ 65, 16.388, 89.397

■ 65, 16.388, 89.397

■ 63, 23.368, 88.098

■ 67, 9.515, 90.666

62, 30.405, 86.752

69, 2.765, 91.843

60, 37.410, 85.365

71, 3.857, 273.153

58, 44.205, 83.921

72, 10.353,
274.255

57, 50.479, 82.381

74, 16.730,
275.332

55, 55.726, 80.666

54, 59.290, 78.635

76, 22.995,
276.362

53, 60.897, 77.379

78, 29.158,
277.341

80, 30.579,
275.117

81, 28.306,
269.679

Harmonies

Complementary

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



65, 16.388, 89.397



59, 16.378, 275.881

Rectangle

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



65, 16.388, 89.397



65, 16.388, 139.397



65, 16.388, 269.397



65, 16.388, 319.397

Sweetspot

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



65, 16.389, 89.404



86, 5.753, 91.515



58, 18.014, 356.145



45, 3.735, 91.450



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 16.389, 89.404



81, 24.360, 88.711



68, 22.480, 114.980



35, 3.759, 91.261



46, 55.097, 77.707



4, 6.318, 86.050

Inverse Universe

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



59, 16.378, 275.881



72, 24.345, 276.831



56, 23.705, 298.721



33, 3.765, 273.627



24, 65.644, 296.856



2, 7.156, 275.673

Previews

White Background



This preview shows how the CIELCh color 65, 16.388, 89.397 looks on a white background.

Color Contrast Check

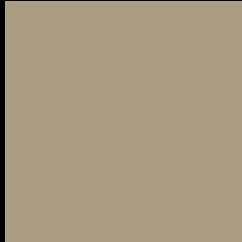
Large Text (above 18pt) WCAG AA × Fail

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 65, 16.388, 89.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

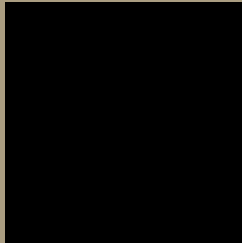
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 16.388, 89.397

Background



This preview shows how black text looks on a background with the CIELCh color 65, 16.388, 89.397.



This preview shows how white text looks on a background with the CIELCh color 65, 16.388, 89.397.

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

65, 16.388, 89.397

Protanopia

65, 16.016, 93.610

Deuteranopia

65, 17.891, 62.682



Tritanopia
65, 10.763, 342.259

Trichromacy



Original Color
65, 16.388, 89.397

Protanomaly
65, 16.129, 92.186

Deuteranomaly
65, 17.148, 73.102

Tritanomaly
65, 7.283, 33.118

Monochromacy



Original Color
65, 16.388, 89.397

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 5.865, 89.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 16.388, 89.397 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(170, 157, 129)` looks like.

```
.text, #text, p{  
    color:rgb(170, 157, 129)  
}
```

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(170, 157, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 157, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 16.388, 89.397 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(170, 157, 129) }
```

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

```
.border{ border-color:rgb(170, 157, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 157, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 157, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 157, 129);  
box-shadow:4px 4px 4px 4px rgb(170, 157,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 16.388, 89.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 157, 129) }
```

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

```
.background{ background-color: rgb(170,  
157, 129) }
```

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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