

Converting Colors

CIELCh(65, 20.250, 88.894)

Have a look what the booklet for
CIELCh(65, 20.250, 88.894) contains.

CIELCh(65, 19.979, 88.519)	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(65, 19.979, 88.519)

Conversions

Conversions Part 1

Format	Color
Hex	AC9C7A
RGB	172, 156, 122
RGB Percent	67%, 61%, 48%
CMY	0.3247, 0.3874, 0.5208
CMYK	0.00, 0.09, 0.29, 0.32
HSL	41°, 23%, 58%
HSV	41°, 29%, 68%
XYZ	32.5046, 34.0472, 23.3327
YIQ	156.9080, 20.4500, -7.1820

Conversions

Conversions Part 2

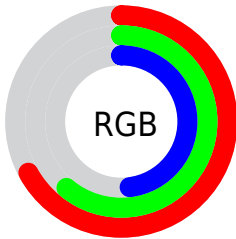
Format	Color
RYB	146, 172, 122
Decimal	11312250
CIELab	65.00, 0.52, 19.97
CIElCh	65, 19.979, 88.519
Yxy	34.0472, 0.3616, 0.3788
Android (android.graphics.Color)	4289502330 (0xFFAC9C7A)
YUV	156.9080, -17.2096, 13.2357
Hunter-Lab	58.3500, -2.6766, 17.1363

Details

The CIELCh color $65, 19.979, 88.519$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $57, 19.946, 276.523$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 19.644, 87.633$, and $45, 20.044, 88.654$ is the 20% darker color. If you saturate the color by 10%, you get $63, 27.071, 87.196$, and if you desaturate by 10%, it is $67, 12.980, 89.814$.

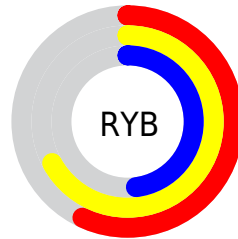
Distribution



Red (67%)

Green (61%)

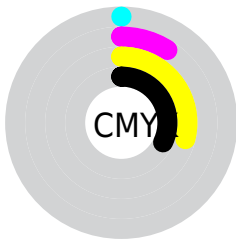
Blue (48%)



Red (57%)

Yellow (67%)

Blue (48%)

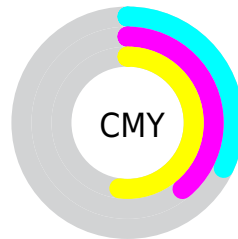


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (32%)



Cyan (32%)

Magenta (39%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 19.979, 88.519 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, 19.979, 88.519 by changing the saturation by 10% instead.

■ 65, 19.979, 88.519

■ 65, 19.979, 88.519

■ 100, 19.979,
88.519

■ 55, 19.979, 88.519

■ 85, 19.979, 88.519

■ 45, 19.979, 88.519

■ 95, 19.979, 88.519

■ 35, 19.979, 88.519

■ 25, 19.979, 88.519

■ 15, 19.979, 88.519

■ 5, 19.979, 88.519

■ 0, 19.979, 88.519

■ 65, 19.979, 88.519

■ 65, 19.979, 88.519

■ 63, 27.071, 87.196

■ 67, 12.980, 89.814

61, 34.188, 85.827

69, 6.100, 91.050

60, 41.202, 84.409

71, 0.648, 272.613

58, 47.876, 82.919

73, 7.265, 273.484

57, 53.800, 81.298

75, 13.756,
274.583

55, 58.368, 79.435

77, 20.130,
275.639

54, 61.289, 77.260

79, 26.394,
276.646

54, 61.571, 77.059

80, 30.068,
275.868

82, 27.712,
270.243

Harmonies

Complementary

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



65, 19.979, 88.519



57, 19.946, 276.523

Rectangle

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



65, 19.979, 88.519



65, 19.979, 138.519



65, 19.979, 268.519



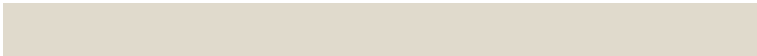
65, 19.979, 318.519

Sweetspot

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



65, 19.980, 88.525



87, 7.531, 91.035



57, 22.068, 356.767



46, 5.235, 90.865



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 19.980, 88.525



81, 30.024, 87.655



69, 27.285, 114.627



36, 3.842, 91.018



47, 55.767, 77.382



5, 7.364, 84.288

Inverse Universe

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



57, 19.946, 276.523



70, 29.988, 277.802



54, 29.126, 299.222



34, 3.847, 273.398



25, 66.260, 296.745



2, 8.603, 276.490

Previews

White Background



This preview shows how the CIELCh color 65, 19.979, 88.519 looks on a white background.

Color Contrast Check

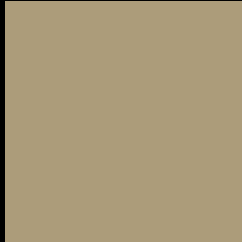
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 19.979, 88.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

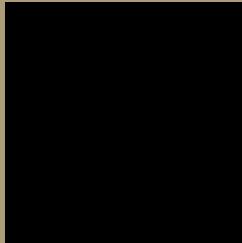
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 19.979, 88.519

Background



This preview shows how black text looks on a background with the CIELCh color 65, 19.979, 88.519.



This preview shows how white text looks on a background with the CIELCh color 65, 19.979, 88.519.

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, 19.979, 88.519

Protanopia

65, 19.744, 95.910

Deuteranopia

65, 21.356, 66.182



Tritanopia
65, 12.026, 347.035

Trichromacy



Original Color
65, 19.979, 88.519

Protanomaly
65, 19.552, 92.025

Deuteranomaly
65, 20.264, 74.218

Tritanomaly
65, 9.189, 37.583

Monochromacy



Original Color
65, 19.979, 88.519

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.571, 91.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 19.979, 88.519 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(172, 156, 122)` looks like.

```
.text, #text, p{  
    color:rgb(172, 156, 122)  
}
```

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(172, 156, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 156, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 19.979, 88.519 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(172, 156, 122) }
```

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

```
.border{ border-color:rgb(172, 156, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 156, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 156, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 156, 122);  
box-shadow:4px 4px 4px 4px rgb(172, 156,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 19.979, 88.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 156, 122) }
```

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

```
.background{ background-color: rgb(172,  
156, 122) }
```

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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