

Converting Colors

CIELCh(65, 7.006, 68.098)

Have a look what the booklet for
CIELCh(65, 7.006, 68.098) contains.

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Color

CIELCh(65, 7.042, 71.282)

Conversions

Conversions Part 1

Format	Color
Hex	A79C92
RGB	167, 156, 146
RGB Percent	65%, 61%, 57%
CMY	0.3453, 0.3884, 0.4276
CMYK	0.00, 0.07, 0.13, 0.35
HSL	29°, 11%, 61%
HSV	29°, 13%, 65%
XYZ	32.9933, 34.0472, 32.0099
YIQ	158.1490, 9.7660, -0.7780

Conversions

Conversions Part 2

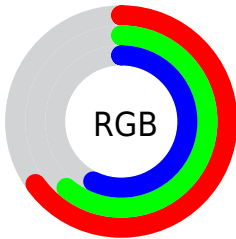
Format	Color
RYB	167, 165, 146
Decimal	10984594
CIELab	65.00, 2.26, 6.67
CIELCh	65, 7.042, 71.282
Yxy	34.0472, 0.3331, 0.3437
Android (android.graphics.Color)	4289174674 (0xFFA79C92)
YUV	158.1490, -5.9895, 7.7623
Hunter-Lab	58.3500, -1.1818, 8.3194

Details

The CIELCh color **65, 7.042, 71.282** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 6.799, 254.476**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 6.874, 69.139**, and **45, 6.868, 70.618** is the 20% darker color. If you saturate the color by 10%, you get **62, 12.964, 70.137**, and if you desaturate by 10%, it is **68, 1.404, 72.276**.

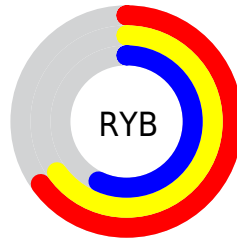
Distribution



Red (65%)

Green (61%)

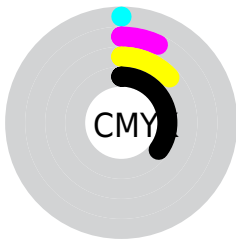
Blue (57%)



Red (65%)

Yellow (65%)

Blue (57%)

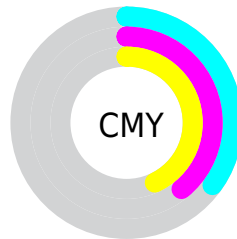


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 7.042, 71.282 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, 7.042, 71.282 by changing the saturation by 10% instead.

 65, 7.042, 71.282  65, 7.042, 71.282

 100, 7.042, 71.282  55, 7.042, 71.282

 85, 7.042, 71.282  45, 7.042, 71.282

 95, 7.042, 71.282  35, 7.042, 71.282


 25, 7.042, 71.282

 15, 7.042, 71.282

 5, 7.042, 71.282

 0, 7.042, 71.282

 65, 7.042, 71.282  65, 7.042, 71.282

 62, 12.964, 70.137  68, 1.404, 72.276

60, 19.190, 68.956

71, 3.977, 253.750

57, 25.726, 67.771

73, 9.126, 254.822

55, 32.550, 66.582

76, 14.070,
255.895

52, 39.588, 65.371

79, 18.832,
256.937

50, 46.652, 64.081

48, 53.355, 62.581

82, 23.434,
257.941

45, 59.000, 60.606

85, 24.749,
252.812

44, 62.605, 58.995

87, 23.336,
239.533

89, 23.231,
225.553

Harmonies

Complementary

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



65, 7.042, 71.282



64, 6.799, 254.476

Rectangle

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



65, 7.042, 71.282



65, 7.042, 121.282



65, 7.042, 251.282



65, 7.042, 301.282

Sweetspot

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



65, 7.042, 71.299



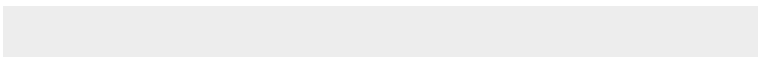
85, 2.709, 72.191



63, 10.265, 342.879



45, 1.945, 72.129



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, 7.042, 71.299



81, 10.458, 70.990



68, 11.125, 107.592



34, 3.163, 71.668



39, 57.143, 59.405



3, 5.475, 65.091

Inverse Universe

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



64, 6.799, 254.476



80, 10.008, 254.860



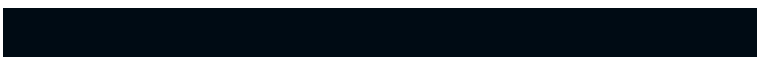
61, 11.423, 290.160



34, 3.087, 254.037



33, 45.109, 280.756



3, 5.992, 260.527

Previews

White Background



This preview shows how the CIELCh color 65, 7.042, 71.282 looks on a white background.

Color Contrast Check

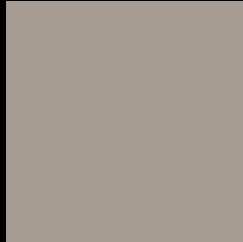
Large Text (above 18pt) WCAG AA × Fail

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, 7.042, 71.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

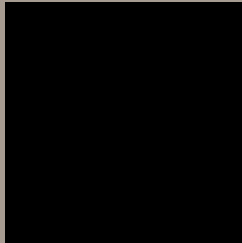
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

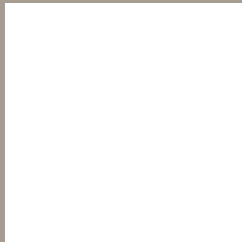
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 7.042, 71.282

Background



This preview shows how black text looks on a background with the CIELCh color 65, 7.042, 71.282.

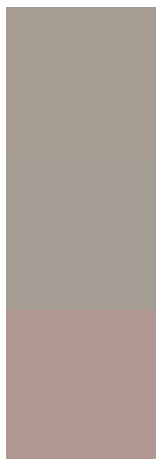


This preview shows how white text looks on a background with the CIELCh color 65, 7.042, 71.282.

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, 7.042, 71.282

Protanopia

65, 6.008, 86.397

Deuteranopia

65, 10.378, 35.649



Tritanopia
65, 9.327, 334.686

Trichromacy



Original Color
65, 7.042, 71.282

Protanomaly
65, 6.174, 83.003

Deuteranomaly
65, 8.635, 42.584

Tritanomaly
65, 6.220, 359.072

Monochromacy



Original Color
65, 7.042, 71.282

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.256, 66.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 7.042, 71.282 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(167, 156, 146)` looks like.

```
.text, #text, p{  
    color:rgb(167, 156, 146)  
}
```

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(167, 156, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 156, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 7.042, 71.282 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(167, 156, 146) }
```

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

```
.border{ border-color:rgb(167, 156, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 156, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 156, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 156, 146);  
box-shadow:4px 4px 4px 4px rgb(167, 156,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 7.042, 71.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 156, 146) }
```

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

```
.background{ background-color: rgb(167,  
156, 146) }
```

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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