

Converting Colors

CIELCh(65, 6.815, 341.175)

Have a look what the booklet for
CIELCh(65, 6.815, 341.175) contains.

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Color

CIELCh(65, 6.988, 340.581)

Conversions

Conversions Part 1

Format	Color
Hex	A89AA2
RGB	168, 154, 162
RGB Percent	66%, 60%, 64%
CMY	0.3411, 0.3960, 0.3647
CMYK	0.00, 0.08, 0.04, 0.34
HSL	326°, 7%, 63%
HSV	326°, 8%, 66%
XYZ	34.2282, 34.0472, 38.9527
YIQ	159.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

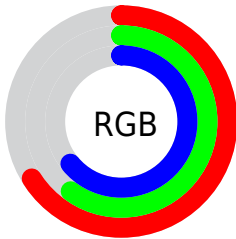
Format	Color
RYB	168, 154, 162
Decimal	11049634
CIELab	65.00, 6.59, -2.32
CIElCh	65, 6.988, 340.581
Yxy	34.0472, 0.3192, 0.3175
Android (android.graphics.Color)	4289239714 (0xFFA89AA2)
YUV	159.0980, 1.4307, 7.8071
Hunter-Lab	58.3500, 2.5960, 1.2647

Details

The CIELCh color $65, 6.988, 340.581$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 6.927, 159.405$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 7.236, 339.081$, and $45, 6.801, 342.460$ is the 20% darker color. If you saturate the color by 10%, you get $60, 15.509, 341.434$, and if you desaturate by 10%, it is $70, 1.374, 160.122$.

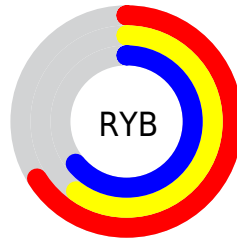
Distribution



Red (66%)

Green (60%)

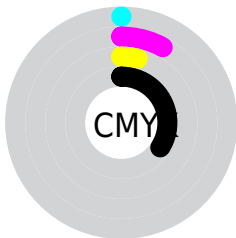
Blue (64%)



Red (66%)

Yellow (60%)

Blue (64%)

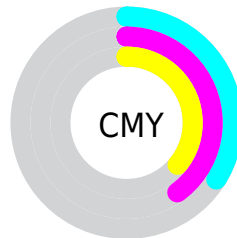


Cyan (0%)

Magenta (8%)

Yellow (4%)

Black (34%)



Cyan (34%)

Magenta (40%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 6.988, 340.581 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, 6.988, 340.581 by changing the saturation by 10% instead.

■ 65, 6.988, 340.581

■ 65, 6.988, 340.581

■ 100, 6.988,
340.581

■ 55, 6.988, 340.581

■ 85, 6.988, 340.581

■ 45, 6.988, 340.581

■ 95, 6.988, 340.581

■ 35, 6.988, 340.581

■ 25, 6.988, 340.581

■ 15, 6.988, 340.581

■ 5, 6.988, 340.581

■ 0, 6.988, 340.581

■ 65, 6.988, 340.581

■ 65, 6.988, 340.581

■ 60, 15.509,

■ 70, 1.374, 160.122

341.434

74, 9.512, 159.216

56, 24.086,
342.346

79, 17.397,
158.553

52, 32.547,
343.357

84, 25.021,
157.946

48, 40.637,
344.502

89, 32.388,
157.382

45, 48.016,
345.827

94, 39.509,
156.855

42, 54.271,
347.402

94, 37.072,
160.911

39, 58.988,
349.324

94, 34.702,
165.568

38, 61.872,
351.715

94, 32.552,
170.845

36, 63.090,
354.640

Harmonies

Complementary

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



65, 6.988, 340.581



68, 6.927, 159.405

Rectangle

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



65, 6.988, 340.581



65, 6.988, 30.581



65, 6.988, 160.581



65, 6.988, 210.581

Sweetspot

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



65, 6.986, 340.585



86, 2.073, 339.954



64, 8.133, 306.498



46, 1.177, 339.933



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, 6.986, 340.585



82, 10.434, 340.741



65, 5.482, 13.079



33, 4.756, 340.666



32, 57.709, 354.752



2, 8.149, 343.921

Inverse Universe

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



65, 6.986, 340.585



82, 10.434, 340.741



68, 5.247, 191.992



33, 4.756, 340.666



32, 57.709, 354.752



2, 8.149, 343.921

Previews

White Background



This preview shows how the CIELCh color 65, 6.988, 340.581 looks on a white background.

Color Contrast Check

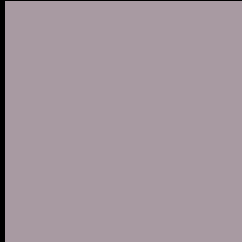
Large Text (above 18pt) WCAG AA × Fail

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, 6.988, 340.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

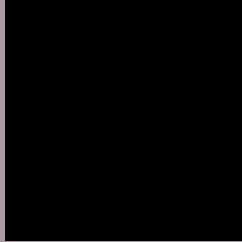
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

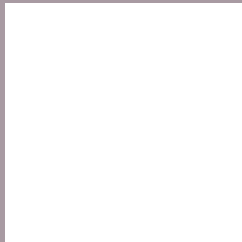
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 6.988, 340.581

Background



This preview shows how black text looks on a background with the CIELCh color 65, 6.988, 340.581.



This preview shows how white text looks on a background with the CIELCh color 65, 6.988, 340.581.

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, 6.988, 340.581

Protanopia

65, 3.979, 301.500

Deuteranopia

65, 8.548, 344.479



Tritanopia
65, 9.478, 330.640

Trichromacy



Original Color
65, 6.988, 340.581

Protanomaly
65, 4.536, 320.644

Deuteranomaly
65, 8.239, 342.859

Tritanomaly
65, 9.066, 332.913

Monochromacy



Original Color
65, 6.988, 340.581

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.552, 338.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 6.988, 340.581 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(168, 154, 162)` looks like.

```
.text, #text, p{  
    color:rgb(168, 154, 162)  
}
```

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(168, 154, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 154, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 6.988, 340.581 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(168, 154, 162) }
```

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

```
.border{ border-color:rgb(168, 154, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 154, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 154, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 154, 162);  
box-shadow:4px 4px 4px 4px rgb(168, 154,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 6.988, 340.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 154, 162) }
```

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

```
.background{ background-color: rgb(168,  
154, 162) }
```

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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