

Converting Colors

CIELCh(65, 4.177, 34.698)

Have a look what the booklet for
CIELCh(65, 4.177, 34.698) contains.

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Color

CIELCh(65, 4.036, 35.537)

Conversions

Conversions Part 1

Format	Color
Hex	A69C9A
RGB	166, 156, 154
RGB Percent	65%, 61%, 60%
CMY	0.3504, 0.3896, 0.3975
CMYK	0.00, 0.06, 0.07, 0.35
HSL	10°, 6%, 63%
HSV	10°, 7%, 65%
XYZ	33.2827, 34.0472, 35.2347
YIQ	158.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

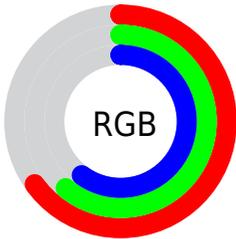
Format	Color
RYB	166, 156, 154
Decimal	10919066
CIELab	65.00, 3.28, 2.35
CIElCh	65, 4.036, 35.537
Yxy	34.0472, 0.3245, 0.3320
Android (android.graphics.Color)	4289109146 (0xFFA69C9A)
YUV	158.7620, -2.3477, 6.3477
Hunter-Lab	58.3500, -0.2965, 5.0426

Details

The CIELCh color **65, 4.036, 35.537** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 3.860, 215.916**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 4.161, 34.133**, and **45, 3.955, 37.205** is the 20% darker color. If you saturate the color by 10%, you get **61, 10.008, 35.677**, and if you desaturate by 10%, it is **69, 1.479, 216.063**.

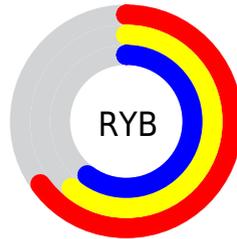
Distribution



Red (65%)

Green (61%)

Blue (60%)



Red (65%)

Yellow (61%)

Blue (60%)

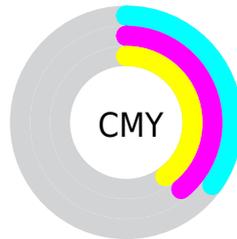


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 4.036, 35.537 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, 4.036, 35.537 by changing the saturation by 10% instead.

■ 65, 4.036, 35.537

■ 65, 4.036, 35.537

■ 100, 4.036, 35.537

■ 55, 4.036, 35.537

■ 85, 4.036, 35.537

■ 45, 4.036, 35.537

■ 95, 4.036, 35.537

■ 35, 4.036, 35.537

■ 25, 4.036, 35.537

■ 15, 4.036, 35.537

■ 5, 4.036, 35.537

■ 0, 4.036, 35.537

■ 65, 4.036, 35.537

■ 65, 4.036, 35.537

■ 61, 10.008, 35.677

■ 69, 1.479, 216.063

57, 16.478, 35.872

73, 6.580, 215.946

53, 23.471, 36.227

77, 11.313,
216.103

49, 30.989, 36.793

82, 15.720,
216.319

46, 38.989, 37.613

43, 47.360, 38.706

86, 19.842,
216.567

40, 55.858, 40.024

90, 23.714,
216.836

38, 63.957, 41.343

36, 70.739, 42.269

94, 27.034,
200.789

95, 27.919,
197.697

Harmonies

Complementary

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



65, 4.036, 35.537



67, 3.860, 215.916

Rectangle

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



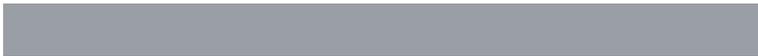
65, 4.036, 35.537



65, 4.036, 85.537



65, 4.036, 215.537



65, 4.036, 265.537

Sweetspot

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



65, 4.035, 35.564



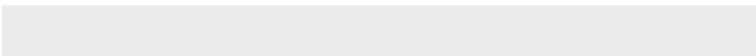
85, 1.344, 35.271



65, 7.227, 329.784



45, 0.763, 35.245



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 4.035, 35.564



81, 6.231, 35.589



67, 4.660, 90.203



32, 3.140, 35.590



31, 65.362, 42.630



2, 4.775, 33.974

Inverse Universe

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



67, 3.860, 215.916



83, 5.885, 215.922



65, 4.665, 272.081



34, 2.964, 215.923



47, 28.640, 227.649



3, 4.607, 220.638

Previews

White Background



This preview shows how the CIELCh color 65, 4.036, 35.537 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, 4.036, 35.537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

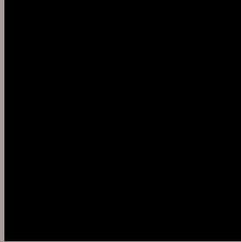
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

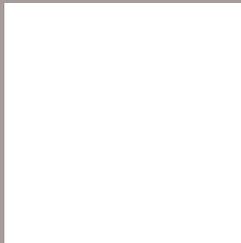
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 4.036, 35.537

Background



This preview shows how black text looks on a background with the CIELCh color 65, 4.036, 35.537.



This preview shows how white text looks on a background with the CIELCh color 65, 4.036, 35.537.

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, 4.036, 35.537

Protanopia

65, 2.256, 66.690

Deuteranopia

65, 8.250, 16.300



Tritanopia
65, 8.331, 326.989

Trichromacy



Original Color

65, 4.036, 35.537

Protanomaly

65, 2.844, 55.122

Deuteranomaly

65, 6.645, 19.958

Tritanomaly

65, 6.039, 339.904

Monochromacy



Original Color

65, 4.036, 35.537

Achromatopsia

65, 0.008, 296.813

Achromatomaly

65, 1.629, 39.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 4.036, 35.537 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(166, 156, 154)` looks like.

```
.text, #text, p{  
    color:rgb(166, 156, 154)  
}
```

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(166, 156, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 156, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 4.036, 35.537 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(166, 156, 154) }
```

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

```
.border{ border-color:rgb(166, 156, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 156, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 156, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 156, 154);  
box-shadow:4px 4px 4px 4px rgb(166, 156,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 4.036, 35.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 156, 154) }
```

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

```
.background{ background-color: rgb(166,  
156, 154) }
```

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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