

Converting Colors

CIELCh(65, 2.818, 130.563)

Have a look what the booklet for
CIELCh(65, 2.818, 130.563) contains.

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Color

CIELCh(65, 3.008, 132.400)

Conversions

Conversions Part 1

Format	Color
Hex	9C9F9A
RGB	156, 159, 154
RGB Percent	61%, 62%, 60%
CMY	0.3895, 0.3777, 0.3973
CMYK	0.02, 0.00, 0.03, 0.38
HSL	96°, 3%, 61%
HSV	96°, 3%, 62%
XYZ	31.8001, 34.0472, 35.3307
YIQ	157.5330, -0.1830, -2.1910

Conversions

Conversions Part 2

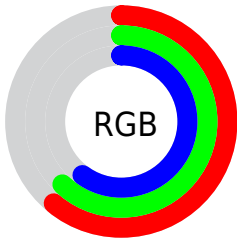
Format	Color
RYB	154, 159, 157
Decimal	10264474
CIELab	65.00, -2.03, 2.22
CIELCh	65, 3.008, 132.400
Yxy	34.0472, 0.3143, 0.3365
Android (android.graphics.Color)	4288454554 (0xFF9C9F9A)
YUV	157.5330, -1.7418, -1.3444
Hunter-Lab	58.3500, -4.8319, 4.9451

Details

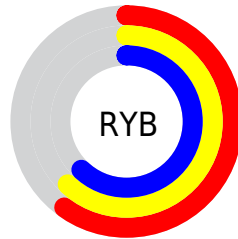
The CIELCh color $65, 3.008, 132.400$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 3.034, 312.577$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 3.474, 134.607$, and $45, 3.229, 132.334$ is the 20% darker color. If you saturate the color by 10%, you get $64, 12.624, 131.950$, and if you desaturate by 10%, it is $66, 6.533, 312.733$.

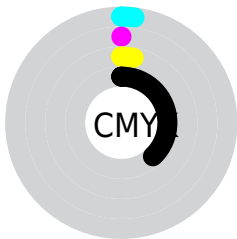
Distribution



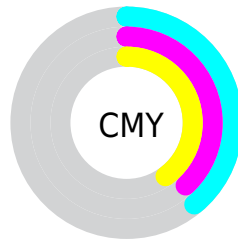
- Red (61%)
- Green (62%)
- Blue (60%)



- Red (60%)
- Yellow (62%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)



- Cyan (39%)
- Magenta (38%)
- Yellow (40%)
- Black (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 3.008, 132.400 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, 3.008, 132.400 by changing the saturation by 10% instead.

■ 65, 3.008, 132.400

■ 65, 3.008, 132.400

■ 100, 3.008,
132.400

■ 55, 3.008, 132.400

■ 85, 3.008, 132.400

■ 45, 3.008, 132.400

■ 95, 3.008, 132.400

■ 35, 3.008, 132.400

■ 25, 3.008, 132.400

■ 15, 3.008, 132.400

■ 5, 3.008, 132.400

■ 0, 3.008, 132.400

■ 65, 3.008, 132.400

■ 65, 3.008, 132.400

■ 64, 12.624,

■ 66, 6.533, 312.733

131.950

67, 15.961,
313.091

63, 22.248,
131.486

69, 25.243,
313.402

62, 31.794,
131.001

70, 34.358,
313.675

61, 41.142,
130.515

72, 43.294,
313.913

60, 50.119,
130.067

73, 52.042,
314.122

60, 58.484,
129.718

75, 55.900,
316.135

59, 65.911,
129.561

75, 56.903,
319.246

58, 72.006,
129.716

76, 58.049,
322.289

58, 76.415,
130.294

Harmonies

Complementary

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



65, 3.008, 132.400



64, 3.034, 312.577

Rectangle

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



65, 3.008, 132.400



65, 3.008, 182.400



65, 3.008, 312.400



65, 3.008, 2.400

Sweetspot

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



65, 3.010, 132.408



83, 1.176, 132.583



65, 1.822, 84.900



44, 0.674, 132.593



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 3.010, 132.408



82, 4.739, 132.361



65, 3.162, 147.168



33, 2.696, 132.335



52, 72.788, 130.659



4, 7.106, 133.176

Inverse Universe

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



64, 3.034, 312.577



81, 4.776, 312.624



64, 3.176, 327.375



32, 2.717, 312.650



23, 79.181, 314.640



1, 7.018, 311.451

Previews

White Background



This preview shows how the CIELCh color 65, 3.008, 132.400 looks on a white background.

Color Contrast Check

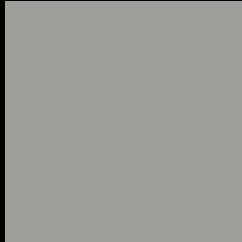
Large Text (above 18pt) WCAG AA × Fail

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, 3.008, 132.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

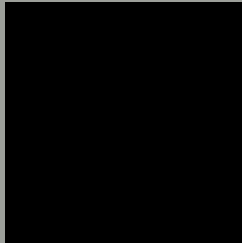
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

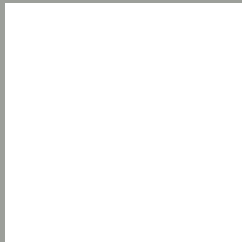
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 3.008, 132.400

Background



This preview shows how black text looks on a background with the CIELCh color 65, 3.008, 132.400.



This preview shows how white text looks on a background with the CIELCh color 65, 3.008, 132.400.

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, 3.008, 132.400

Protanopia

65, 2.930, 68.441

Deuteranopia

65, 8.762, 9.299



Tritanopia
65, 7.287, 296.788

Trichromacy



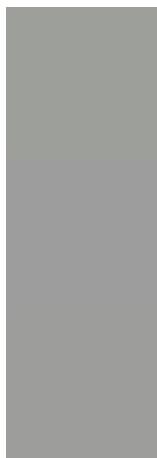
Original Color
65, 3.008, 132.400

Protanomaly
65, 2.863, 94.173

Deuteranomaly
65, 5.083, 13.543

Tritanomaly
65, 3.341, 290.548

Monochromacy



Original Color
65, 3.008, 132.400

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.171, 129.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 3.008, 132.400 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(156, 159, 154)` looks like.

```
.text, #text, p{  
    color:rgb(156, 159, 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(156, 159, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 159, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 3.008, 132.400 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(156, 159, 154) }
```

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

```
.border{ border-color:rgb(156, 159, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 159, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 159, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 159, 154);  
box-shadow:4px 4px 4px 4px rgb(156, 159,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 3.008, 132.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 159, 154) }
```

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

```
.background{ background-color: rgb(156,  
159, 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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